

UNIVERSITY OF ALBERTA LIBRARY



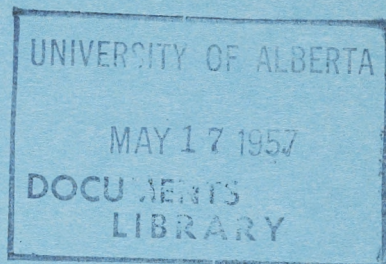
0 0003 5738 368

HD
9044
C25
C24
1956

A91-56



CANADA



ANNUAL REPORT

OF THE

Board of Grain Commissioners for Canada

FOR THE YEAR

1956

DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister:

RT. HON. C. D. HOWE, M.P.

Deputy Minister:

WM. FREDERICK BULL

EDMOND CLOUTIER, C.M.G., O.A., D.S.P.
QUEEN'S PRINTER AND CONTROLLER OF STATIONERY
OTTAWA, 1957

Price, 50 cents.

ONE WEEK LOAN

GENERAL SCIENCES

Ex libris
UNIVERSITATIS
ALBERTAENSIS





CANADA

ANNUAL REPORT

OF THE

Board of Grain Commissioners for Canada

FOR THE YEAR

1956

DEPARTMENT OF TRADE AND COMMERCE
OTTAWA, CANADA

Minister:

RT. HON. C. D. HOWE, M.P.

Deputy Minister:

WM. FREDERICK BULL

EDMOND CLOUTIER, C.M.G., O.A., D.S.P.

QUEEN'S PRINTER AND CONTROLLER OF STATIONERY

OTTAWA, 1957

Price, 50 cents.

UNIVERSITY OF ALBERTA LIBRARY
2 26782



ANNUAL REPORT

OF THE

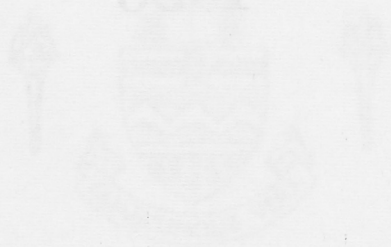
Board of Grain Commissioners

for Canada

1956

1956

1956



DEPARTMENT OF TRADE AND COMMERCE

OTTAWA, CANADA

W. M. KENNEDY, BULL.

PRINTED BY THE QUEEN'S PRINTER

OTTAWA, 1957

LIBRARY
UNIVERSITY OF ALBERTA

TABLE OF CONTENTS

	Page
Grain Supplies and Disposition, Crop Year 1955-56.....	7
Marketings	7
Country Elevator Shipments	8
Terminal Handlings	8
Exports	8
Domestic Usage	9
Reserve Carryover	9
Licensing and Bonding	9
Assistant Commissioners	9
Prosecutions	10
Shortages and Overages, Country Elevators	10
Regulations and Orders	10
Committees on Grain Standards	11
Inspection of Grain	11
Grain Research Laboratory	12
Weighing of Grain	12
Weighover of Stocks, Terminal and Eastern Elevators	13
Terminal and Eastern Complaints	13
Complaints on Export Shipments	13
Statistics	14
Information Program	14
Canadian Government Elevators	15
Lake Freight Rates	15
Prairie Farm Assistance Act	15
Organization and Personnel	16
Expenditure and Revenue	16
APPENDICES:	
A. Committees on Grain Standards, 1956	18
B. Grain Appeal Tribunals	19
C. Licence and Bonding Branch	20
D. Registration Branch	23
E. Inspection Branch	25
F. Weighing Branch	37
G. Statistics Branch	40
H. Grain Research Laboratory	55
I. Canadian Government Elevators	59
J. Expenditure and Revenue	61
K. Regulations	68

BOARD OF GRAIN COMMISSIONERS

LIST OF TABLES

	Page
APPENDIX C—Licence and Bonding Branch	
Table C- 1 Number and Kind of Licences Issued and Licensed Storage Capacity as at December 1st each year for the Past Five Years	21
C- 2 Licensed Elevators and Storage as at December 1, 1956.....	22
C- 3 Amounts Collected and Grain Purchased under the One Per Cent Levy, Prairie Farm Assistance Act, Crop Year 1955-56....	22
APPENDIX D—Registration Branch	
Table D- 1 Warehouse Receipt Registrations for Receipts and Shipments at Public and Semi-Public Terminal Elevators and Eastern Elevators by Area and Grain, Crop Year 1955-56 and 10-year Average	24
APPENDIX E—Grain Inspection Branch	
Table E- 1 Primary Carlot Inspections, by Grains, Crop Year 1955-56, compared with 1954-55 and 10-year Average 1945-46 to 1954-55	26
E- 2 Primary Carlot Inspections, by Points, Crop Year 1955-56, compared with 1954-55 and 10-year Average 1945-46 to 1954-55	26
E- 3 Primary Carlot Inspections, Crop Year 1955-56, by Grain and Grades	27
E- 4 Carlots of Tough, Damp and Straight Grain Inspected at Primary Inspection Points, Crop Year 1955-56	30
E- 5 Number of Two-Pound Samples "Subject to Grade and Dockage" Inspected Crop Year 1955-56 compared with Crop Year 1954-55	30
E- 6 Carlots Re-inspected, Crop Year 1955-56	31
E- 7 Summary of Carlot Inspections Appealed, Crop Year 1955-56....	31
E- 8 Vessel Shipments Inspected, Crop Year 1955-56	32
E- 9 Carlot Shipments ex Terminal Elevators Inspected, Crop Year 1955-56	32
E-10 Carlot Inspections Eastern Grain, Crop Year 1955-56, by Grains and Points	33
E-11 Carlot Inspections Eastern Grain, Crop Year 1955-56, by Grains, Grades and Points	33
E-12 Cargo Inspections, Eastern Grain, Crop Year 1955-56	35
E-13 Inspections—Eastern Grain in Bins or Warehouses, Crop Year 1955-56	35
E-14 Inward and Export Cargoes Sampled and Grade Checked, Crop Year 1955-56	36
E-15 Grain Sampled but not Inspected, Crop Year 1955-56	36
APPENDIX F—Grain Weighing Branch	
Table F- 1 Gross Quantities of All Grains Weighed at Terminal Elevators in the Western Division during 1955-56 Crop Year.....	38
F- 2 Number of Cars Leaking and Cars with Missing Seals at the Lakehead, at Other Points and at Winnipeg Yards, by Railways, for the Crop Year 1955-56	39

TRADE AND COMMERCE

LIST OF TABLES—Continued

APPENDIX F—*Grain Weighing Branch* (Concluded)

	Page
F- 3 Number of Cars Weighed at all Points and Percentage of such Cars found Leaking or with Defective Seals, Crop Years 1954-55 and 1955-56	39
F- 4 Average Reported Outturn Shortages on Vessel Shipments of Grain from Fort William-Port Arthur to Canadian and United States ports during the 1955-56 Crop Year	39

APPENDIX G—*Statistics Branch*

Table G- 1 Supply and Disposition of Canadian Grain, Crop Year 1955-56	41
G- 2 Production and Producers' Marketings in Western Canada, by Provinces, Crop Year 1955-56	42
G- 3 Receipts and Shipments of Canadian Grain at Terminal Elevators, Crop Year 1955-56	43
G- 4 Shipments of Foreign Grain from Canadian Elevators into Canadian Consumer Channels, Crop Year 1955-56	43
G- 5 Primary Receipts and Shipments at Eastern Elevators, Crop Year 1955-56	44
G- 6 Supply and Disposition of Canadian Grain in United States Positions, Crop Year 1955-56	44
G- 7 Exports of Canadian Wheat, by Seaboard Sectors, by Months, Crop Year 1955-56	45
G- 8 Overseas Exports of Canadian Grain, by Seaboard Sectors, by Grades, Crop Year 1955-56	46
G- 9 Overseas Exports of Canadian Grain, by Ports, Crop Year 1955-56	47
G-10 Tough and Damp Grain Dried, by Storage Position, Crop Year 1955-56	48
G-11 Weighted Average Lake Freight Rates on Canadian Grain from Fort William-Port Arthur, Season of Navigation 1956	48
G-12 Overages and Shortages disclosed by Weighovers of Grain Stored in Public Terminal Elevators, Crop Year 1955-56	49
G-13 Excesses and Deficiencies in Specified Grades of Wheat Disclosed by Weighovers of Grain Stored in Public Terminal Elevators, Crop Year 1955-56	49
G-14 Excesses and Deficiencies in Specified Grades of Wheat Disclosed by Weighovers of Grain Stored in Semi-Public Terminal Elevators, Crop Year 1955-56	50
G-15 Excesses and Deficiencies in Specified Grades of Wheat Disclosed by Weighovers of Grain Stored in Private Terminal Elevators, Crop Year 1955-56	52
G-16 Overages and Shortages Disclosed by Weighovers of Canada Western and Foreign Grain Stored in Eastern Elevators, Crop Year 1955-56	52

APPENDIX J—*Expenditure and Revenue*

Table J- 1 Expenditure, by Points, Branch and General Item, Fiscal Year ended March 31, 1956	61
J- 2 Accrued Revenue, by Point and Branch, Fiscal year ended March 31, 1956	63
J- 3 Accrued Revenue and Net Expenditure, by Points and Branches, Fiscal Year ended March 31, 1956	65
J- 4 Summary of Operations by Branches, Fiscal Year ended March 31, 1956	67

Winnipeg, Manitoba,
January 15, 1957.

The Right Honourable C. D. Howe, M.P.,
Minister of Trade and Commerce,
Ottawa, Canada.

Sir:

We beg to submit herewith Report of the Board of Grain Commissioners for Canada for the year 1956 in compliance with Section 23 of the Canada Grain Act.

This report records information and statistics relating to grain handlings for the crop year August 1, 1955 to July 31, 1956, expenditures and revenue for the fiscal year April 1, 1955 to March 31, 1956, and summarizes the major activities of the Board for the 1956 calendar year.

Grain Supplies and Disposition—Crop Year 1955-56

A total of 1,884 million bushels of wheat, oats, barley, rye and flaxseed combined were available in 1955-56 to meet Canada's requirements for export, domestic use and reserve carryover. At August 1st, 1955, 694.9 million bushels of these five grains were held in licensed storage, in transit, and in farm bins across Canada. The improved 1955 crops added to this total a further 494.1 million bushels of wheat, 407.8 million bushels of oats, 252.4 million bushels of barley, 14.8 million bushels of rye and 19.7 million bushels of flaxseed. The combined inward carryover and 1955 production total exceeded the previous year's available supplies by approximately 172.0 million bushels.

Canada exported from these supplies 401.0 million bushels of the five principal grains, wheat flour and milled oats, used a further 694.3 million bushels domestically for human consumption, commercial products, animal feed and seed and held at July 31, 1956, a reserve carryover estimated to include 788.4 million bushels.

The internal forwarding movement from farm to final disposition reflected an increased tempo over the previous year, particularly during the closing months of the 1955-56 season.

Marketings

Canadian farmers delivered 568.7 million bushels of their available holdings and production to the licensed elevator system during 1955-56. These deliveries represented an increase of 40.1 million bushels over the marketing total of 528.6 millions established for the 1954-55 season. The major portion (560.3 millions) was delivered to western country elevators. Prairie farmers supplied a further 6.6 million bushels to other interior elevators and mills and shipped .4 million bushels over loading platforms. Eastern farmers delivered only 1.4 million bushels of the five principal grains to licensed elevators in comparison with a previous average of 6.0 million bushels for recent years.

Country Elevator Shipments

Western country elevators moved forward a total of 539.8 million bushels of grain during the crop year. This total was only 25.2 millions heavier than the 1954-55 country car loadings because of the light fall and early winter movement. During the last half of the 1955-56 crop year country elevator shipments were nearly 50% heavier than the movement recorded for the closing six months of the previous season—333.3 million bushels compared with 228.8 millions from February 1, 1955 to July 31, 1955.

Terminal Handlings

This same pattern applied to terminal elevator operations at the Lakehead and Pacific Coast. Fort William-Port Arthur terminals unloaded 179,446 cars carrying 333.7 million bushels of grain during the crop year compared with 176,281 cars for 324.8 millions during the previous season. But from February 1, 1956 to the close of the crop year the unloads totalled 209.1 millions against only 136.7 millions over the same six months of 1954-55. At the Pacific Coast unloads rose to 117.8 millions in 1955-56 compared with the 1954-55 inward movement of 101.5 millions, but during the closing months the relationship was 71.1 millions to 44.2 millions unloaded the previous year.

The outward movement was also heavier during the closing half of the season. Lakehead vessel shipments over the crop year at 320.1 millions were only 10.5 millions heavier than the previous crop year's lake traffic; during the closing months of 1955-56 these elevators loaded to vessel 59.0 millions more than they did in the same period of the previous year. Pacific Coast ocean shipments for 1955-56 totalled 113.6 million bushels—a gain of 15.2 millions over their 1954-55 export movement. In contrast to the traditionally heavier winter movement on the Pacific Coast these elevators established a two consecutive-month record of over 30 million bushels in May and June combined. The Port of Churchill with an increase in storage capacity of 2.5 millions expanded its export loadings from 38 boats carrying 13.1 million bushels of wheat in 1955 to 48 boats with a total cargo of 16.3 million bushels of wheat in 1956. A further two vessels carried Mixed Feed Oats and Screenings from Churchill to Montreal during the 1956 season.

Exports

The major factor giving rise to this improved forwarding was the expansion in Canada's grain export trade. Canada exported 401.0 million bushels of the five principal grains, wheat flour and milled oats during the 1955-56 season. These shipments to world markets included 269.2 million bushels of wheat, 38.9 millions of wheat flour, 4.1 millions of oats and milled oats, 64.3 million bushels of barley, 12.9 million bushels of rye and 11.6 million bushels of flaxseed for a combined gain of 34.1 million bushels over the 1954-55 clearance total of 366.9 million bushels. The major increase was in wheat shipments in grain form which were 57.9 millions over the previous year's exports. The 11.6 million bushels of flaxseed exported represented a high level extending back to the 18.0 million bushel export recorded in 1913-14. The export trade showed its greatest strength during the closing months. Over 50% (136.8 millions) of the total wheat clearances moved during the last four months, April to July and 47.1% of the coarse grain exports also cleared during this same period. Canada's exports represented

BOARD OF GRAIN COMMISSIONERS

slightly over 30% of the world trade in the two bread grains, wheat and rye compared with 26.0% in the previous season but only 14.0 percent of the international movement in coarse grains against 20.8% in the year before.

Domestic Usage

Canadians used an estimated 694.3 million bushels of the five principal grains to meet domestic needs for human food, industrial products, seed and animal feed during the 1955-56 season. This consumption was approximately 43.3 millions heavier than the 1954-55 usage. Domestic wheat disappearance was lighter but this was more than offset by increased requirements for oats and barley.

Reserve Carryover

The 788.4 million bushels of the five grains remaining in reserve at July 31, 1956 reflected heavier supplies on farms—299.1 millions compared with 210.7 at the previous year end but only a slight increase in the total volume in licensed storage positions—489.3 millions against 484.2 millions at July 31, 1955. The visible storage included reduced quantities of wheat and rye but heavier stocks of oats and barley than were recorded in elevator storage and in transit between positions at the close of the 1954-55 season shown in brackets — wheat 373.1 (395.8), oats 47.6 (30.2), barley 60.3 (49.0), rye 6.2 (8.3), and flaxseed 2.1 (.9 million) bushels.

Licensing and Bonding

The total licensed storage capacity at July 31, 1956, was 614,678,900 bushels including 14,518,640 bushels in off track annexes. Licences were issued for 5,485 country, terminal, mill and eastern elevators, an increase of 28,441,990 bushels capacity and a decrease of three licences over the same date in 1955. Most of the increase in storage capacity occurred at country elevators and supplementary annexes. This accounted for 24,950,490 bushels.

Assistant Commissioners

The Board's four Assistant Commissioners continued to maintain direct contact with producers and country elevator operators in the Prairie Provinces during 1956. The Assistant Commissioners inspected 676 elevators in Manitoba, 782 in Northern Saskatchewan, 541 in Southern Saskatchewan, and 1,656 in Alberta.

Complaints from country points totalled 38, including 7 carried forward from 1955 as compared with 54 complaints in the previous year.

Disposition of complaints investigated was as follows:

	Manitoba	Saskatchewan	Alberta	Total
No grounds for complaint.....	1	8	—	9
Settlement effected.....	4	9	—	13
Outside jurisdiction of Board.....	—	2	—	2
Penalty levied against licensee.....	—	3	—	3
Licensee warned.....	—	3	—	3
Complaint withdrawn.....	—	4	1	5
Not yet disposed of.....	—	2	1	3
Totals.....	5	31	2	38

TRADE AND COMMERCE

The Assistant Commissioners, in addition to inspecting elevators and investigating complaints, handled numerous inquiries respecting the general operation of country elevators and continued the practice of discussing the matter of overages which the Board considered excessive, with those country elevator agents concerned. The elevator inspections included checks on scales, equipment, records and posting of Board's Regulations relating to country elevators.

Prosecutions

Five penalties for breaches of the Canada Grain Act and Board Regulations and Orders made under the Act amounting to \$560.00, were levied and collected as follows:

Number of Penalties	Contravention	Amount
1	Section 109, Canada Grain Act.....	\$ 50.00
1	Board Regulation No. 18, Section 6.....	300.00
1	Board Regulation No. 23.....	100.00
2	Improper use of cars authorized out of turn under Section 68 (2), Canada Grain Act.....	110.00

Shortages and Overages, Country Elevators

During the crop year 1955-56, owing to the congested storage situation, only 1,653 out of a total of 5,378 licensed country elevators were weighed over. An analysis of the results disclosed by these audits is given in the following table:

ELEVATORS REPORTING	1955-56	1954-55
Shortages.....	627	414
Neither overages nor shortages.....	2	7
Overages of less than .25%.....	738	563
Overages of .25% to .50%.....	219	198
Overages over .50%.....	67	75
Total elevators weighed over.....	1,653	1,257

Where the Board felt that overages at certain country elevators were excessively high, the agents at these elevators totalling ninety, were summoned to appear before the Board at hearings held at Winnipeg, Saskatoon, Regina and Edmonton. The records of these agents were examined and discussed by members of the Board and the Assistant Commissioners in the presence of superintendents and other senior officials of the elevator companies concerned.

Regulations and Orders

No new regulations were made by the Board during the year but amendments were made to existing regulations as follows:

Regulation No. 26—March 1, 1956—giving the Board's Chief Grain Inspector control over the movement of carlots of grain found to contain kernels treated with poisonous materials.

Regulation No. 5—August 1, 1956—establishing "off grades" for western grown flaxseed containing certain small admixtures.

BOARD OF GRAIN COMMISSIONERS

Regulation No. 20—August 1, 1956—reducing the maximum additional charge for delivery of grain to trucks at eastern elevators at Montreal, Quebec, Sorel and Three Rivers from one and one-quarter cents to three-quarters of one cent per bushel.

By Order No. 1—1956-57, dated August 1, 1956, the Board extended its suspension of a provision of Regulation No. 23 relating to storage of grain at licensed country elevators.

By Order No. 2—1956-57, dated August 1, 1956, the Board also renewed an order issued on October 19, 1955, in regard to unloading of certain storage cargoes of grain at licensed eastern elevators.

By Order No. 3—1956-57, dated November 30, 1956, the Board directed that all artificially dried grain delivered to a licensed country elevator or shipped over a loading platform be declared as dried grain, and that when such grain is shipped, the notation "DRIED" be carried on the railway bill of lading. This action was taken to ensure that grain dried at country points would be subject to the same milling, baking and other tests made on grain dried at terminal elevators under supervision of Board officials.

Committees on Grain Standards

In accordance with the provisions of Section 25 of the Canada Grain Act, the Board constituted Committees on Western and Eastern Grain Standards for the crop year 1956-57. Personnel of these Committees is given in Appendix A.

Meetings of the Western Committee were convened at Winnipeg on October 18, 1956 and November 15, 1956, at which meetings the Committee selected and settled standard samples for various statutory and commercial grades of Western grain, and standard export samples for various grades of Red Spring and Amber Durum Wheat.

The Eastern Committee met in Toronto on August 21, 1956 and November 22, 1956, and selected and settled standard samples for various statutory grades of Eastern grain.

In cases where suitable samples for any grades were not available, the Committee authorized the continued use of the last standard samples for these grades.

Inspection of Grain

The 1956 crop of Red Spring Wheat in the three Prairie Provinces suffered considerable damage as the result of several heavy frosts during the period between August 15 and 30. The bulk of the crop is expected to grade No. 3 Manitoba Northern and lower account of frost and immature green kernels. The Amber Durum crop contains the same damage, grading mostly No. 4 Canada Western with high weight per bushel.

Oats, Barley and Flaxseed crops yielded satisfactorily and were above average in weight per bushel.

The Tame Mustard Seed crop harvested in Southern Alberta is above average in grade and yield. The predominant variety Oriental has found a ready sale in Japan.

Rapeseed acreage was vastly increased, but yield and quality reduced by frost.

Research

Studies of the quality of the new crops of spring wheat, durum wheat, barley, flax and rapeseed, were completed in good time, and four crop bulletins and two protein maps were published. Continuous surveys were maintained for grain unloaded into all terminal and mill elevators in the western division, and for all cargoes leaving the Lakehead and seaboard ports. Quarterly bulletins were also published to provide comprehensive data on the quality of each main grade of wheat exported from each coast. These bulletins have proved especially valuable in keeping overseas buyers informed of the quality of wheat available for export, and requests for additional copies have followed each release.

Laboratory studies were undertaken for the Inspection Branch on the standard and standard export samples, in relation to moisture testing and more especially to the use of electrical moisture meters, on the effects of frost and other factors affecting the grading of rapeseed, and on various other matters. Studies of the quality of new varieties, and thus of their eligibility for top grades, were undertaken as required, and in co-operation with the Associate Committee on Grain Research (Canada) and the North-west Crop Improvement Association of the United States.

Recent progress in fundamental investigations of the nature of quality in bread wheats has opened up further possibilities for applied research, and it has thus been possible to put more emphasis on this phase of the Laboratory's responsibilities. Studies of durum wheats, which were well advanced, have been temporarily curtailed to release staff for other work. New malting equipment, designed and built during the last two or three years, is now in successful operation, and provides improved and larger scale facilities for studies of varieties and for basic research.

The Laboratory's program of research and service studies was reviewed in April by a committee appointed at the Board's request, by the National Research Council. Dr. E. W. R. Steacie, President of the Council, was Chairman, with Dr. A. G. McCalla, Dean, Faculty of Agriculture, University of Alberta, as Vice-Chairman, Dr. W. P. Thompson, President, University of Saskatchewan, Dr. W. H. Cook, Director, Division of Applied Biology, National Research Council, Ottawa, Dr. K. W. Neatby, Director, Science Service, Canada Department of Agriculture, Ottawa, Dr. G. A. Ledingham, Director, Prairie Regional Laboratory, Saskatoon, and Mr. A. W. Alcock, Chief Chemist, Purity Flour Mills Limited, Winnipeg, as the remaining members. Further expansion of the Laboratory has been recommended as a result of this review.

The work of the Grain Research Laboratory is dealt with in greater detail in Appendix H.

Weighing of Grain

The Weighing Branch of the Board, in addition to providing its usual weighing services, investigated complaints received by the Board on vessel and car outturn shortages in an effort to determine the cause, and where possible, assign the liability. Regular scale inspections were made at terminal and eastern elevators by the Board's scale inspector and where, in the opinion of the Board, outturn weights appeared unsatisfactory, special tests and inspections were made. Details of the work of this Branch are given in Appendix F.

BOARD OF GRAIN COMMISSIONERS

Weighover of Stocks, Terminal and Eastern Elevators

Members of the Board's Weighing and Inspection staffs in accordance with the provisions of Sections 139 and 140 of the Canada Grain Act, weighed over 33 terminal and 28 eastern elevators during the 1955-56 crop year.

Deferments into the 1956-57 crop year were made at 3 Canadian Government Elevators, 5 terminal elevators at the Lakehead, 4 terminal elevators at other points, and at 2 eastern elevators. Four of these deferred weighovers were carried out before the end of the 1956 calendar year. The deferments were granted to avoid a tie-up in operations of elevators concerned with the movement of grain for export commitments.

Tables G-12 to G-16 of Appendix G contain the results of the 61 weighovers carried out in 1955-56 crop year.

Terminal and Eastern Complaints

In 1956 the Board directed the investigation of 67 complaints regarding the handling of grain at terminal elevators and shipments to Eastern Canada. The majority of the complaints related to reports of outturn shortages. There were 31 complaints on vessel shipments from Fort William and Port Arthur to Eastern Canadian and U.S.A. elevators; 31 on shipments between licensed eastern elevators; 3 on carlot shipments into and out of Fort William and Port Arthur; 1 on charges made for services at an eastern elevator, and 1 on delivery slips issued by eastern elevators.

These complaints were disposed of as follows:

	Weight	Miscellaneous
No cause of reported discrepancy found.....	55	—
No grounds for complaint.....	—	1
Settlement effected.....	8	1
Not yet disposed of.....	2	—
Totals	65	2

Complaints on Export Shipments

A total of 46 complaints relating to overseas shipments including three brought forward from 1955, were handled by the Board and its officials. All but seven of these complaints concerned outturn weights at overseas destinations. The remaining complaints questioned the quality of the cargoes received.

Disposition of these complaints was as follows:

	Quality	Weight
No cause of reported discrepancy found.....	—	37
No grounds for complaint.....	7	—
Complaint withdrawn.....	—	1
Not yet disposed of.....	—	1
Totals	7	39

TRADE AND COMMERCE

Statistics

Statistics relating to Canadian grain movement collected and compiled by the Board's Statistics Branch are presented in Appendix G of this Report.

Information Program

The Board of Grain Commissioners in 1953 in collaboration with the Exhibition Branch of the Department of Trade and Commerce, prepared an educational exhibit for display at the larger agricultural fairs throughout Western Canada. This exhibit was designed to outline the organization and work of the Board with particular reference to the provisions of the Canada Grain Act which affect the farmer. The work of the Inspection Branch was emphasized and the various grades of grain were placed on display. In addition, the exhibit included some of the equipment of the Research Laboratory together with an exhibit of loaves of bread baked from both statutory and other grades of wheat. The Board's film, "Grain Handling in Canada", was later substituted for the Laboratory equipment and shown in connection with the exhibit.

In 1956, the exhibit was shown at the Agricultural Fairs at Portage la Prairie and Dauphin in Manitoba; Swift Current and Nipawin in Saskatchewan, and Red Deer and Wetaskiwin in Alberta. It was also displayed at the Annual Meeting of the United Grain Growers Limited in Calgary.

There was keen interest on the part of both farmers and elevator agents in this exhibit and many questions were asked in regard to the grading of grain. The success of the exhibit depended to a considerable extent on its location. At Swift Current, Nipawin, Red Deer and Dauphin, the display building was conveniently placed in relation to the other exhibits and there was a large attendance of farmers to view the showing of the film to examine the exhibit in detail. But at Portage la Prairie and Wetaskiwin, the exhibit was somewhat out of the way and the attendance of interested farmers was much smaller. It is estimated that approximately 2,500 farmers took time to view the entire film and spend some time going over the exhibit, while a great many more stopped and inspected the exhibit.

The exhibit was staffed by representatives of the Inspection Branch and in most cases, an Assistant Commissioner was in attendance. They answered many questions about grading, the Canada Grain Act and the work of the Board.

The film, "Grain Handling in Canada," which was prepared and released by the National Film Board in 1954, is an educational coloured film which outlines the work of the Board of Grain Commissioners in supervising the handling of grain from the time it leaves the farmer's hands until it enters export channels. It shows the work of the various branches of the Board and has been particularly well received by farmer audiences. In addition to showing it at Agricultural Fairs, it has been used to demonstrate the work of the Board to visiting delegations and foreign students. It has also been shown at eighteen meetings in Manitoba to approximately 700 people and is available through National Film Board libraries.

The Handbook on the Sale and Handling of Grain through a Country Elevator has been completely revised and reprinted, and is now available for distribution to grain firms and other interested parties.

BOARD OF GRAIN COMMISSIONERS

The members of the Board met with official missions and delegations from Belgium, The Netherlands, Norway and Germany, and arranged with the heads of several branches to conduct the visitors through their offices and outline the various functions of the Board.

Other visitors included Provincial Ministers and Deputy Ministers of Agriculture in Canada, Canadian Government Foreign Trade Officers, and students and teachers of the National School of Agriculture, Paris, France.

The Board and its officials also provided training in Canadian grain handling procedures for F.A.O. Fellows from Guatemala and Iraq, and a Colombo Plan Fellow from India.

Assistant Chief Grain Inspector M. J. Conacher, with officials of the Canadian Wheat Board, visited London, Vienna and Rome for conferences with Trade Commissioners in Europe relating to Canadian grain.

Members of the Board and senior officials addressed the annual meetings of producer organizations and meetings of other organizations interested in agriculture in various parts of Canada.

Canadian Government Elevators

During the crop year 1955-56, receipts of grain at the Canadian Government Terminal Elevators operated by the Board at Moose Jaw, Saskatoon, Calgary, Edmonton, Lethbridge and Prince Rupert were 12.4 million bushels, and shipments 14.3 million bushels as compared with 10.2 million and 10.4 million bushels respectively, in the previous crop year.

In the fiscal year 1955-56, revenues exceeded expenditures by \$490,049.

Lake Freight Rates

The maximum rates authorized by the Board's Order No. 20 of September 28, 1954, as follows, remained in effect throughout the 1956 season of navigation:

	Wheat and Rye	Barley	Oats
		—cents—	
(a) From: Fort William or Port Arthur, Ontario			
To: Georgian Bay Ports, Goderich, Sarnia and			
Walkerville.....	5½	5¼	5
Port Colborne.....	7½	7¼	6¾
Toronto.....	8	7½	7¼
Kingston.....	8¾	8¾	8
Prescott.....	9	8½	8¼
Montreal, Sorel, Three Rivers and Quebec City,			
Direct or Transferred at Intermediate Ports.....	16	15¼	14

(b) For grain loaded during the month of December in any year these maximum rates are increased two cents (2c) per bushel to compensate for increased insurance rates.

The average rates charged during the season are given in Table 11 of Appendix G.

Prairie Farm Assistance Act

Under the provisions of Section 11 of the Prairie Farm Assistance Act, the Board continued to collect the one per centum levy on grain purchased by licensees under the Canada Grain Act. During the crop year 1955-56, \$6,239,900.77 was collected. Collections by the Board since the inception of the Prairie Farm Assistance Act now total \$94,990,852.87.

TRADE AND COMMERCE

Organization and Personnel

After fifteen years' service as Chairman of the Board, Chief Commissioner D. G. McKenzie retired on account of age, effective December 9, 1956 and was succeeded by Commissioner R. W. Milner. Mr. G. N. McConnell of McConnell, Man., was appointed as Commissioner to fill the vacancy on the Board.

Mr. John Rayner, Director of Administrative Services, was granted leave of absence for one year to serve in Turkey with the Food and Agriculture Organization of the United Nations.

Dr. J. A. Anderson, Chief Chemist, was elected Vice-President of the International Association for Cereal Chemistry.

The Board's staff at December 31, 1956, totalled 928, an increase of 31 over 1955. The staff of the Canadian Government Elevators numbered 222 at that date, including 63 casuals. This is an increase of 29 during the year.

The following table shows location of the Board's staff broken down by groups:

Point	Administrative and Clerical	Inspectors and Assistants	Samplers	Weighmen and Assistants	Trackmen	At December 31, 1956		At December 31, 1955	
						Totals	Casuals†	Totals	Casuals
Montreal	10	12	10	1	—	33	7	29	5
Chatham	1	3	3	—	—	7	—	10	2
Toronto	—	1	1	—	—	2	—	2	—
Fort William	32	98	73	90	54	347	6	341	—
Keewatin	—	—	2	2	—	4	—	4	—
Winnipeg	146*	38	103	10	—	297	8	288	2
Regina	2	—	—	—	—	2	—	—	—
Saskatoon	2	4	6	4	3	19	1	19	—
Moose Jaw	—	4	5	4	1	14	—	14	—
Medicine Hat	—	2	1	2	—	5	—	6	—
Lethbridge	—	1	2	1	—	4	1	5	1
Edmonton	7	7	23	2	2	41	5	40	8
Calgary	5	8	19	7	6	45	3	44	2
Vancouver	16	28	12	28	13	97	10	85	8
Prince Rupert	—	1	2	1	2	6	3	6	4
Victoria	—	2	1	2	—	5	1	4	—
Totals	221*	209	263	154	81	928	45	897	32

†Casuals included in totals.

*Includes 34 Chemists and Technicians.

Expenditure and Revenue

Total expenditure and accrued revenue of the Board, exclusive of the Canadian Government Elevators, for the fiscal year 1955-56 compared with 1954-55, was as follows:

	1955-56	1954-55
Expenditure	\$3,616,657.78	\$3,552,095.35
Revenue	2,330,380.66	2,429,531.09

BOARD OF GRAIN COMMISSIONERS

Expenditure for the nine months of the 1956-57 fiscal year to December 31, 1956, totalled \$3,070,293 as against \$2,703,469 for the comparable period during 1955-56. Cash revenue for the same nine-month period amounted to \$2,274,201 as compared with \$1,688,120 in the previous year.

Attached hereto is a series of Appendices which outline in greater detail the work of the Board's Branches.

Respectfully submitted,

R. W. MILNER,
Chief Commissioner

S. LOPTSON,
Commissioner

GEO. N. McCONNELL,
Commissioner

W. J. MacLEOD,
Secretary

TRADE AND COMMERCE

APPENDIX A

**Committee on Western Grain Standards, as at
December 31, 1956**

R. W. Milner, Chief Commissioner, Board of Grain Commissioners
S. Loptson, Commissioner, Board of Grain Commissioners
G. N. McConnell, Commissioner, Board of Grain Commissioners
A. F. Dollery, Chief Grain Inspector, Board of Grain Commissioners
Dr. J. A. Anderson, Chief Chemist, Grain Research Laboratory
D. E. Ross, Chairman, Grain Appeal Tribunal, Winnipeg
P. J. Marples, Chairman, Grain Appeal Tribunal, Calgary
R. E. Forrester, Chairman, Grain Appeal Tribunal, Edmonton
Dr. D. G. Hamilton, Dominion Cerealist
E. B. Frost, representing the millers of wheat flour

George Bennett..... }
W. H. Fairfield..... } Representing grain growers in Alberta
Uri Powell..... }
B. S. Plumer..... }

J. H. Harrison..... }
A. P. Gleave..... } Representing grain growers in Saskatchewan
J. Wellbelove..... }
L. L. Gray..... }
N. W. Strelieff..... }

W. J. Parker..... }
R. Barrett..... } Representing grain growers in Manitoba
Ray Mitchell..... }

G. Constable, representing grain growers in British Columbia
L. Bell, representing Plant Products Division, Department of Agriculture

**Committee on Eastern Grain Standards, as at
December 31, 1956**

R. W. Milner, Chief Commissioner, Board of Grain Commissioners
S. Loptson, Commissioner, Board of Grain Commissioners
G. N. McConnell, Commissioner, Board of Grain Commissioners
A. F. Dollery, Chief Grain Inspector, Board of Grain Commissioners
W. G. Thomson, representing Montreal Board of Trade
E. D. Sullivan, representing Toronto Board of Trade
C. Gordon McAuley, representing exporters of grain

F. H. Dunsford..... }
H. Norman Davis... } Representing millers of wheat in the Eastern Division

J. R. Heaney }
A. H. K. Musgrave } Representing grain growers in Ontario

G. C. Nichols, representing growers of corn
E. B. Paterson, Additional
John W. Ham, Additional

BOARD OF GRAIN COMMISSIONERS

APPENDIX B

Grain Appeal Tribunals

Winnipeg

D. E. Ross
(Chairman)
E. A. Sangster
Wm. E. McLeod
G. A. Turner
James Gregory
R. C. Sproule
J. F. Lazenby
D. K. Mills
G. I. Rocan
N. Kawka
(Secretary)

Calgary

P. J. Marples
(Chairman)
T. F. Allison
J. Tranter
W. M. Pringle
E. J. Munson
W. G. McLeod
G. C. Arbuthnott
A. Watson
G. R. Deeton

Edmonton

R. E. Forrester
(Chairman)
C. C. Young
M. G. Wood
J. R. MacRae
T. Stickney
D. G. MacKeracher
H. A. Haggarty
C. E. Sage
Ross Saunders

Toronto

John W. Ham
C. H. Coatsworth
R. C. Pratt
C. W. Heimbecker
W. A. Robertson
E. D. Sullivan
K. F. Wadsworth
D. C. Kay, Jr.
(Secretary)

Montreal

P. J. Smith
(Chairman)
A. W. Brown
E. B. Paterson
J. A. Byrne
J. M. Vittie
G. D. Robinson
Mrs. Muriel B. Hunter
(Secretary)

For information on Appeals of Carlot Inspections refer to Appendix E, Table E-7.

APPENDIX C

Licence and Bonding Branch

C. F. Spittle, Licensing Officer

Licences are issued by the Board under the provisions of Section 79 of the Canada Grain Act which section also provides that every applicant for a licence shall furnish security by bond or otherwise for the due performance by the licensee of all obligations imposed upon him by the Act.

The Act provides that no railway company or vessel shall receive any Western grain from any elevator or discharge any such grain into any elevator unless such elevator is licensed.

The Act also provides that, except for contracts for the purchase of grain the consideration payable under which is to be paid in full in cash at the time of the making thereof or contracts for the purchase of grain made on the premises of a recognized grain exchange by or through brokers who are members of such exchange, no person in the Western division may make any contract for the purchase of Western grain by reference to any grade name nor act on behalf of any other person in making such contract on a commission basis, unless he is licensed under the Canada Grain Act as a grain dealer, track buyer or grain commission merchant.

During the crop year 1955-56, 5,555 licences were issued to 112 firms and individuals to handle grain under the Canada Grain Act, or three more than in the previous crop year. In addition, country elevator licensees were authorized to use 430 supplementary storage annexes, comprising flour sheds, coal sheds, skating rinks and other buildings.

On July 31, 1956, with 5,485 elevator licences in force and 402 buildings authorized for supplementary storage, the total licensed storage capacity was 600,160,260 bushels in elevators, and 14,518,640 bushels in supplementary storage annexes to country elevators. In addition, 53 Track Buyers', Commission Merchants' and Grain Dealers' licences were also in force. The following table gives a comparative statement of numbers and classes of licences in force and storage capacity:

Kind of Licence	Licences in force July 31		Licensed storage capacity July 31	
	1956	1955	1956	1955
Country Elevators.....	5,378	5,377	353,884,150	337,199,450
Supplementary Annexes to Country Elevators.....	*	*	14,518,640	6,252,850
Terminals and Mill Elevators.....	77	82	154,093,810	151,938,810
Eastern Elevators.....	30	29	92,182,300	90,845,800
Track Buyers, Commission Merchants and Grain Dealers.....	53	54	†	†
Totals.....	5,538	5,542	614,678,900	586,236,910

*402 buildings at July 31, 1956, and 164 buildings at July 31, 1955.

†These licences do not cover grain storage facilities.

BOARD OF GRAIN COMMISSIONERS

During the crop year, seventeen elevator licences were cancelled, one on account of change in class of operation, three destroyed by fire, two closed down by licensees, and eleven converted into annexes. The authority covering twenty-eight supplementary annexes was also cancelled.

Fifty-three country elevator licences were suspended by the Board for varying periods during rehabilitation and reconstruction of the buildings. Forty-nine of these were subsequently reinstated but four were still under suspension at July 31, 1956.

Guarantee bonds in the amount of \$29,899,686.50 executed by seventeen approved surety companies were deposited with the Board as security under Section 79 of the Canada Grain Act to cover operations of licensees during 1955-56. Four licensees deposited negotiable Government bonds with a par value of \$21,000 in lieu of furnishing the usual form of surety bonds.

At December 1, 1956, at which date essentially all licences were issued for the 1956-57 crop year, there were 5,469 elevator licences in force. In addition, 403 buildings other than elevators were authorized for supplementary storage. The total licensed storage capacity as at December 1, 1956, was 607,097,760 bushels in elevators and 15,079,940 bushels in supplementary annexes, or a total increase of 22,852,740 bushels since December 1, 1955. The total storage capacity by provinces is: Manitoba, 58.5 million; Saskatchewan, 209.4; Alberta, 139.3; British Columbia, 25.0; Ontario, 153.1; and Quebec and the Maritimes, 36.9 million bushels.

Table C-1.—Number and Kind of Licences Issued and Licensed Storage Capacity, as at December 1st Each Year for the Past Five Years

Kind of Licence	1956	1955	1954	1953	1952
NUMBER OF LICENCES					
Public Country Elevator.....	5,354	5,369	5,352	5,326	5,341
Private Country Elevator.....	9	10	10	10	10
Mill Elevator.....	32	33	36	40	38
Public Terminal Elevator.....	5	5	6	6	6
Semi-Public Terminal Elevator.....	34	35	34	35	36
Private Terminal Elevator.....	5	5	7	6	7
Eastern Elevator.....	30	30	29	29	29
Track Buyer.....	21	21	21	21	21
Commission Merchant.....	23	25	25	26	27
Grain Dealer.....	5	7	8	9	9
Totals.....	5,518	5,540	5,528	5,508	5,524
LICENSED CAPACITY					
	thousands of bushels				
Public Country Elevator.....	356,263	343,953	332,454	318,224	306,484
Special Annexes.....	15,080	8,522	5,369	4,411	1,579
Private Country Elevator.....	337	349	349	349	350
Mill Elevator.....	13,451	13,525	13,429	13,495	13,426
Public Terminal Elevator.....	17,100	17,100	18,350	18,350	18,350
Semi-Public Terminal Elevator.....	118,774	116,624	112,873	114,523	108,455
Private Terminal Elevator.....	7,070	7,070	7,295	7,220	7,295
Eastern Elevator.....	94,102	92,182	90,845	84,929	84,930
Totals.....	622,177	599,325	580,964	561,501	540,869

TRADE AND COMMERCE

Table C-2.—Licensed Elevators and Storage as at December 1, 1956

Kind of Elevator	Ontario	Mani- toba	Saskat- chewan	Alberta	British Colum- bia	Quebec and Mari- times	Totals
NUMBER OF ELEVATORS							
Public Country.....	2	700	2,929	1,706	17	—	5,354
Private Country.....	—	3	1	5	—	—	9
Mill.....	3	6	6	10	7	—	32
Public Terminal.....	—	—	2	3	—	—	5
Semi-Public Terminal.....	24	2	—	—	8	—	34
Private Terminal.....	2	2	—	1	—	—	5
Eastern.....	18	—	—	—	—	12	30
Totals.....	49	713	2,938	1,725	32	12	5,469
STORAGE CAPACITY							
thousands of bushels							
Public Country.....	65	46,733	185,814	121,863	1,788	—	356,263
Special Annexes†.....	1,400	495	7,655	5,530	—	—	15,080
Private Country.....	—	75	29	233	—	—	337
Mill.....	1,480	2,050	4,915	4,079	927	—	13,451
Public Terminal.....	—	—	11,000	6,100	—	—	17,100
Semi-Public Terminal.....	90,517	6,000	—	—	22,257	—	118,774
Private Terminal.....	2,435	3,145	—	1,490	—	—	7,070
Eastern.....	57,161	—	—	—	—	36,941	94,102
Totals.....	153,058	58,498	209,413	139,295	24,972	36,941	622,177

†Off-site storage.

Collection of One Per Cent Levy

The collection during the crop year 1955-56 of the one per cent levy made by this office under provisions of the Prairie Farm Assistance Act is recorded at \$6,239,900.77, an increase of \$706,781.14 from collections during the previous crop year.

**Table C-3.—Amounts Collected and Grain Purchased under the One Per Cent Levy
Prairie Farm Assistance Act, Crop Year 1955-56**

Province	Wheat	Oats	Barley	Rye	Total
	\$	\$	\$	\$	\$
Manitoba	442,588.29	74,043.82	204,287.10	15,949.59	736,868.80
Saskatchewan	3,056,403.12	232,565.85	442,281.10	74,160.53	3,805,410.60
Alberta	1,279,077.71	88,101.43	295,898.64	34,466.42	1,697,544.20
Totals	4,778,069.12	394,711.10	942,466.84	124,576.54	6,239,823.60
Amount not allocated to provinces					77.17
Total collections Aug. 1, 1955, to July 31, 1956					6,239,900.77
		GRAIN PURCHASES			
		thousands of bushels			
Manitoba	33,002	12,475	22,846	1,719	70,042
Saskatchewan	228,042	42,922	54,547	8,097	333,608
Alberta	97,356	16,493	37,146	3,889	154,884
Totals	358,400	71,890	114,539	13,705	558,534

APPENDIX D

Registration Branch

C. J. Brownscombe, Registrar

Section 127 of the Canada Grain Act requires the operators or managers of Public terminal, Semi-Public terminal and Eastern elevators to issue warehouse receipts for all grain taken into store. Regulations No. 1 and No. 2 made by the Board under Section 15 (22) of the Canada Grain Act require that all such receipts be registered with the Board as to grade and quantity at the time of issue and that these warehouse receipts be surrendered to the Board for registration for cancellation when the grain which they represent has been shipped out.

During the Crop Year 1955-56, registration service was provided for licensees of 5 public terminals, 35 semi-public terminals and 30 eastern elevators at offices maintained by the Board at Montreal, Winnipeg and Vancouver.

Table D-1 of this appendix presents the total bushels, by grains, for which warehouse receipts were registered against unloads of grain and registered for cancellation against shipments of grain together with the averages of these handlings for the past ten years for comparison. In addition, service was provided to licensees for the daily registration and cancellation of splits, consolidations, grade adjustments and re-issue of warehouse receipts to facilitate the handling of grain and this work remained at normal levels throughout the year.

Records were maintained for each licensee in both the Eastern and Western Divisions, by grade, showing the total quantities registered, cancelled or still outstanding daily, while a separate series of records was also maintained to provide the full registration and cancellation particulars for all warehouse receipts issued by these licensees. Certified statements of outstanding warehouse receipt totals and of grain handlings were issued as required for use in connection with the annual weighover of stocks of grain carried out by Board officials at all terminal and eastern elevators.

The total registrations of all grains for elevators in the Western Division show increases of 27.7 million and 33.9 million bushels respectively, for receipts and shipments over those of the previous year, while corresponding increases are noted in comparison to those of the ten-year average. The total bushels registered for elevators in the Eastern Division show a moderate gain over the previous year with a somewhat higher gain over that of the ten-year average, while shipments for this Division show a definite increase over last year's totals and the ten-year average.

Fees for registration service were charged at the rate of 4 cents a thousand bushels in the Western Division and one cent a thousand bushels in the Eastern Division. The increased volume of handlings for registration purposes, as noted for both the Eastern and Western Divisions, is reflected in the total fees collected for both Divisions of \$48,617.53, as compared to the ten-year average of \$44,507.14.

TRADE AND COMMERCE

Table D-1.—Warehouse Receipt Registrations for Receipts and Shipments at Public and Semi-Public Terminal Elevators and Eastern Elevators, by Area and Grain Crop Year 1955-56 and 10-year Average.

Area	Grain	Crop Year 1955-56		10-Year Average, 1945-46 to 1954-55	
		Registered	Registered for Cancellation	Registered	Registered for Cancellation
—thousands of bushels—					
WESTERN DIVISION— Winnipeg, including Lakehead and Churchill	Wheat.....	192,348	204,483	199,438	200,506
	Oats.....	45,267	46,780	71,194	74,088
	Barley.....	80,564	77,359	63,243	62,746
	Flax.....	14,181	13,360	6,431	6,445
	Rye.....	11,874	13,709	10,090	9,818
	Mixed Grain..	356	341	1,002	657
	Corn.....	—	—	47	58
	Other Grains ..	214	214	65	64
INTERIOR ELEVATORS— Calgary, Edmonton, Lethbridge, Moose Jaw and Saskatoon	Wheat.....	5,439	7,860	4,755	4,182
	Oats.....	193	205	683	692
	Barley.....	778	612	1,746	1,743
	Flax.....	501	503	180	179
	Rye.....	67	56	34	31
	Mixed Grain..	2	63	6	21
	Corn.....	13	12	15	12
	Other Grains ..	1,075	867	226	225
VANCOUVER AND PRINCE RUPERT AREA	Wheat.....	100,980	99,411	76,466	77,062
	Oats.....	894	1,993	2,863	3,860
	Barley.....	15,250	14,207	7,200	7,080
	Flax.....	671	705	142	150
	Rye.....	397	360	31	32
	Mixed Grain..	6	48	51	50
	Corn.....	—	—	284	285
	Other Grains ..	883	881	15	20
WESTERN DIVISION— All Points	Wheat.....	298,767	311,754	280,659	281,750
	Oats.....	46,354	48,978	74,740	78,640
	Barley.....	96,592	92,178	72,189	71,569
	Flax.....	15,353	14,568	6,753	6,774
	Rye.....	12,338	14,125	10,155	9,881
	Mixed Grain..	364	452	1,059	728
	Corn.....	13	12	346	355
	Other Grains ..	2,172	1,962	306	309
Totals—All Grains ..		471,953	484,029	446,207	450,006
EASTERN DIVISION—	Wheat.....	335,563	352,526	287,421	283,633
	Oats.....	43,043	41,918	46,878	47,379
	Barley.....	72,679	70,521	64,426	64,191
	Flax.....	21,981	21,904	9,761	9,812
	Rye.....	18,478	18,651	7,282	7,222
	Mixed Grain..	316	301	481	461
	Corn.....	12,559	12,609	15,525	15,560
	Screenings....	2,278	2,150	946	958
	Peas.....	13	13	49	55
	Soybeans.....	4,586	4,712	1,553	1,542
	Buckwheat....	345	352	247	247
	Other Grains ..	171	171	100	99
Totals—All Grains ..		512,012	525,828	434,669	431,159

APPENDIX E

Inspection Branch

A. F. Dollery, Chief Grain Inspector

Under Section 32 of the Canada Grain Act, the Grain Inspection Branch in the Western Division samples and grades all grain enroute from country points to terminal and mill elevators or other destinations, at the primary inspection points of Winnipeg, Edmonton and Calgary. All grain is also sampled and graded on delivery to terminal or mill elevators at Saskatoon, Moose Jaw, Medicine Hat and Lethbridge, if such grain has not passed through an inspection point. In addition, inspectors resample and check primary grading of all grain unloaded into terminal and mill elevators at the Lakehead, Churchill, Pacific Coast and interior points, as well as sampling and grading all grain shipped from terminal or mill elevators.

In the Eastern Division, sampling and grading service is provided on request at Chatham and Toronto for eastern grown grain. At Montreal, Quebec, Sorel, Three Rivers, St. John and Halifax, grain loaded into vessels for export is sampled and the grades are checked. Grades of all grain in store in all terminal and eastern elevators weighed over during the crop year are verified by Inspection Branch officials.

In the crop year ended July 31, 1956, inspections of Western grain at primary points totalled 285,521 carlots compared with 278,338 carlots in the previous crop year. This total is approximately the same average as for the past ten years.

The predominant grade in Red Spring Wheat was No. 2 Manitoba Northern with 38.0 per cent of total Red Spring Wheat inspections. With 23.7 per cent grading No. 3 Manitoba Northern and 3.5 per cent grading No. 1 Manitoba Northern, the first three grades totalled 65.2 per cent as compared with 69.1 per cent in the previous crop year. Of the Durum Wheat inspected, 66.8 per cent graded Extra No. 4 C.W. This was a new commercial grade established August 1, 1955. No. 2 C.W. showed a percentage of 11.3 per cent — No. 3 C.W. 4.8 per cent — No. 4 C.W. 9.1 per cent — No. 5 C.W. 1.7 per cent, and No. 6 C.W. 0.3 per cent, of total Amber Durum inspections.

In this year's crop 54.4 per cent of the Oats inspected graded No. 1 Feed compared with 49.2 per cent in the previous year. In the higher grades of No. 3 C.W. and Extra No. 1 Feed the percentages were 21.0 per cent and 13.1 per cent respectively, as compared with 11.2 per cent and 13.6 per cent respectively in the previous year.

Last year the predominant grade in Barley was No. 1 Feed with 22.6 per cent, followed by 3 C.W. 6 Row with 17.0 per cent. This year the situation has been reversed with 3 C.W. 6 Row grading 30.6 per cent and No. 1 Feed grading 22.7 per cent. There was a distinct reduction in the number of cars of Barley grading Tough and Damp this year as compared with last year. In the 1954-55 crop 35.6 per cent were in this category, whereas this year the percentage was only 5.9. In Rye, 32.3 per cent graded 2 C.W. and 46.6 per cent 3 C.W., as compared to the previous crop year, 19.3 per cent and 53.1 per cent respectively. The quality of Flax was exceptionally good this year with 80.8 per cent grading 1 C.W. and 15.9 per cent 2 C.W., or 96.7 per cent of total flax inspections as compared to the previous year of 54.8 per cent and 22.2 per cent respectively.

TRADE AND COMMERCE

Grain inspections on loading to vessels at the Lakehead, Pacific Coast and Churchill terminal elevators totalled 452 million bushels as compared with 424 million bushels in the previous crop year. Export cargoes shipped from St. Lawrence and Atlantic ports, totalling 191 million bushels were sampled and checked for grade at loading as compared with 175 million bushels in the previous crop year. Cargoes received at Montreal totalling 88 millions, were also sampled and grades checked, as compared with 105 million in the previous crop year.

Eastern grown grain sampled and inspected in carlots totalled 11,752 cars of which 10,861 cars were handled by the Chatham office. In the previous crop year the totals were 10,517 and 9,809 respectively. Corn accounted for 6,963 cars.

WESTERN DIVISION

Table E-1.—Primary Carlot Inspections by Grains, Crop Year 1955-56, compared with 1954-55 and 10-year Average 1945-46 to 1954-55

	10-Year Average	1955-56	1954-55	10-Year Average	1955-56	1954-55
	Carlots			Percent of total		
Wheat.....	192,902	190,537	177,293	67.8	66.7	63.8
Oats.....	36,863	21,844	29,420	13.0	7.7	10.5
Barley.....	42,720	54,625	56,633	15.0	19.1	20.3
Rye.....	5,839	6,630	7,593	2.1	2.3	2.8
Flaxseed.....	4,861	10,248	5,834	1.7	3.6	2.1
Mixed Grain.....	595	243	382	.2	0.1	0.1
Corn.....	134	212	362	*	0.1	0.1
Buckwheat.....	49	143	157	*	0.1	*
Screenings.....	463	322	328	.2	0.1	0.1
Rapeseed.....	34	642	173	*	0.2	*
Sunflower Seeds.....	2	—	—	*	—	—
Peas.....	87	57	162	*	*	*
Mustard Seed.....	—	18	—	*	*	*
Soybeans.....	1	—	1	*	*	*
Totals.....	284,550	285,521	278,338	100.0	100.0	100.0

*Less than 0.05%

Table E-2.—Primary Carlot Inspections by Points, Crop Year 1955-56, compared with 1954-55 and 10-year Average 1945-46 to 1954-55

	10-Year Average	1955-56	1954-55	10-Year Average	1955-56	1954-55
	Carlots			Percent of total		
Winnipeg.....	201,494	185,714	188,666	70.8	65.0	67.8
Calgary.....	33,903	40,971	39,930	11.9	14.3	14.3
Edmonton.....	28,586	34,944	25,830	10.0	12.2	9.3
Moose Jaw.....	4,857	4,503	4,697	1.7	1.6	1.7
Saskatoon.....	6,646	7,780	8,463	2.3	2.7	3.0
Lethbridge.....	150	28	40	.1	*	*
Medicine Hat.....	3,226	2,275	2,814	1.1	0.8	1.1
Vancouver.....	1,873	508	685	.7	0.2	0.2
Churchill.....	† 3,815	8,798	7,213	1.4	3.2	2.6
Totals.....	284,550	285,521	278,338	100.0	100.0	100.0

*Less than 0.05%

†Cars inspected during last nine years only.

BOARD OF GRAIN COMMISSIONERS

Table E-3.—Primary Carlot Inspections, Crop Year 1955-56, by Grain and Grades

Grade	Carlots	Percentage	Percentage of Total Wheat Inspections
WHEAT			
1 Manitoba Northern	6,239	3.5	—
2 Manitoba Northern	68,372	38.0	—
3 Manitoba Northern	42,727	23.7	—
4 Manitoba Northern	16,229	9.0	—
No. 4 Special	142	0.1	—
No. 5	18,656	10.4	—
No. 5 Special	37	*	—
No. 6	5,893	3.3	—
No. 6 Special	2	*	—
Feed	1,155	0.6	—
Sample	558	0.3	—
Smutty	186	0.1	—
Rejected	7,879	4.4	—
Tough	11,916	6.6	—
Damp	14	*	—
Condemned	2	*	—
Total Red Spring Wheat	180,007	100.0	94.4
1 Canada Western Garnet	1	0.1	—
2 Canada Western Garnet	43	4.0	—
3 Canada Western Garnet	649	60.5	—
4 Canada Western Garnet	26	2.4	—
Tough Canada Western Garnet	336	31.3	—
Rejected Canada Western Garnet	18	1.7	—
Total Garnet Wheat	1,073	100.0	0.6
1 Canada Western Amber Durum	167	2.1	—
2 Canada Western Amber Durum	914	11.3	—
3 Canada Western Amber Durum	391	4.8	—
Extra 4 Canada Western Amber Durum	5,415	66.8	—
4 Canada Western Amber Durum	738	9.1	—
5 Canada Western Amber Durum	139	1.7	—
6 Canada Western Amber Durum	23	0.3	—
Smutty Canada Western Amber Durum	2	*	—
Rejected Canada Western Amber Durum	158	1.9	—
Tough Canada Western Amber Durum	157	1.9	—
Damp Canada Western Amber Durum	3	*	—
Sample Canada Western Amber Durum	9	0.1	—
Total Amber Durum Wheat	8,116	100.0	4.3
1 Canada Western Soft White Spring	10	10.5	—
2 Canada Western Soft White Spring	65	68.4	—
3 Canada Western Soft White Spring	19	20.0	—
4 Canada Western Soft White Spring	1	1.1	—
Total Soft White Spring Wheat	95	100.0	—
1 Canada Western Mixed Wheat	8	7.8	—
2 Canada Western Mixed Wheat	6	5.9	—
3 Canada Western Mixed Wheat	22	21.6	—
4 Canada Western Mixed Wheat	20	19.6	—
5 Canada Western Mixed Wheat	32	31.4	—
6 Canada Western Mixed Wheat	6	5.9	—
Rejected Canada Western Mixed Wheat	6	5.9	—
Tough Canada Western Mixed Wheat	2	1.9	—
Total Mixed Wheat	102	100.0	0.1

TRADE AND COMMERCE

Table E-3.—Primary Carlot Inspections, Crop Year 1955-56, by Grain and Grades—
Continued

Grade	Carlots	Percentage	Percentage of Total Wheat Inspections
WHEAT—Concluded			
1 Alberta Red Winter	181	15.8	—
2 Alberta Winter	623	54.5	—
3 Alberta Winter	281	24.6	—
4 Alberta Winter	29	2.5	—
Smutty Alberta Winter	11	1.0	—
Rejected Alberta Winter	13	1.1	—
Tough Alberta Winter	6	0.5	—
Total Alberta Winter Wheat	1,144	100.0	0.6
Total All Wheats	190,537	—	100.0
OATS			
1 Canada Western	2		*
2 Canada Western	44		0.2
Extra 3 Canada Western	501		2.3
3 Canada Western	4,582		21.0
Extra 1 Feed	2,862		13.1
1 Feed	11,894		54.4
2 Feed	1,148		5.3
3 Feed	182		0.8
Mixed Feed Oats	4		*
Rejected Oats	146		0.7
Sample Oats	99		0.5
Tough	376		1.7
Damp	2		*
Mixed Feed Oats Groats	1		*
Condemned Oats	1		*
Total Oats	21,844		100.0
BARLEY			
1 Canada Western Six Row	1		*
2 Canada Western Six Row	2,963		5.4
3 Canada Western Six Row	16,724		30.6
4 Canada Western Six Row	2,792		5.1
1 Canada Western Two Row	3		*
2 Canada Western Two Row	285		0.5
3 Canada Western Two Row	2,878		5.3
1 Feed	12,389		22.7
Extra 2 Feed	8,511		15.6
2 Feed	3,102		5.7
3 Feed	1,075		2.0
Rejected	441		0.8
Sample	257		0.5
Tough	3,187		5.8
Damp	17		*
Total Barley	54,625		100.0

BOARD OF GRAIN COMMISSIONERS

Table E-3.—Primary Carlot Inspections, Crop Year 1955-56, by Grain and Grades—Cont'd

Grade	Carlots	Percentage
RYE		
1 Canada Western	6	0.1
2 Canada Western	2,144	32.3
3 Canada Western	3,083	46.6
4 Canada Western	495	7.5
Ergoty Rye	394	5.9
Rejected	42	0.6
Tough	463	7.0
Ergot and Other Grains	3	*
Total Rye	6,630	100.0
FLAXSEED		
1 Canada Western	8,283	80.8
2 Canada Western	1,636	15.9
3 Canada Western	184	1.8
4 Canada Western	7	0.1
Rejected	1	*
Sample	48	0.5
Tough	83	0.8
Flax and Broken Grain	6	0.1
Total Flaxseed	10,248	100.0
MIXED GRAIN		
1 Canada Western	37	15.2
2 Canada Western	21	8.6
3 Canada Western	85	35.1
4 Canada Western	7	2.9
Rejected	19	7.8
Sample	51	21.0
Tough	21	8.6
Damp	2	0.8
Total Mixed Grain	243	100.0
CORN		
1 Canada Western Yellow	27	12.7
2 Canada Western Yellow	28	13.2
3 Canada Western Yellow	22	10.4
4 Canada Western Yellow	5	2.4
Tough	12	5.7
Damp	1	0.4
U.S.A. Origin	117	55.2
Total Corn	212	100.0
Buckwheat	143	—
Screenings	322	—
Rapeseed	642	—
Peas	57	—
Mustard Seed	7	—
U.S.A. Mustard Seed	11	—
Grand Total	285,521	—

*Less than 0.05%.

TRADE AND COMMERCE

Table E-4.—Carlots of Tough, Damp and Straight Grain Inspected at Primary Inspection Points, Crop Year 1955-56

Grain	Tough	Damp	Tough and Damp	Straight	Total
Wheat.....	12,417	17	12,434	178,103	190,537
Oats.....	376	2	378	21,466	21,844
Barley.....	3,187	17	3,204	51,421	54,625
Rye.....	463	—	463	6,167	6,630
Flaxseed.....	83	—	83	10,165	10,248
Others.....	33	3	36	1,601	1,637
All Grains.....	16,559	39	16,598	268,923	285,521
PERCENTAGE OF TOTAL					
	%	%	%	%	%
Wheat.....	6.5	*	6.5	93.5	100.0
Oats.....	1.7	*	1.7	98.3	100.0
Barley.....	5.8	*	5.9	94.1	100.0
Rye.....	7.0	—	7.0	93.0	100.0
Flaxseed.....	0.8	—	0.8	99.2	100.0
Others.....	2.0	0.2	2.2	97.8	100.0
All Grains.....	5.8	*	5.8	94.2	100.0

*Less than 0.05%.

Table E-5.—Number of Two Pound Samples "Subject to Grade and Dockage" Inspected Crop Year 1955-56 Compared with the Crop Year 1954-55

Point	1955-56	1954-55
	Number of Samples	
Winnipeg.....	11,110	9,053
Calgary.....	1,271	1,130
Edmonton.....	1,079	817
Moose Jaw.....	66	133
Saskatoon.....	748	715
Lethbridge.....	1,246	907
Medicine Hat.....	55	55
Total.....	15,575	12,810

BOARD OF GRAIN COMMISSIONERS

Table E-6.—Carlots Re-inspected, Crop Year 1955-56

Point	In-spected	Re-in-spected	Un-changed	Grades Raised	Grades Lowered	Dockage Raised	Dockage Lowered
			Number of Carlots				
Winnipeg.....	185,714	12,220	5,303	3,141	415	354	3,007
Calgary.....	40,971	5,037	1,391	1,777	95	180	1,594
Edmonton.....	34,944	8,465	3,272	2,003	143	368	2,679
Saskatoon.....	7,780	431	402	29	—	—	—
Moose Jaw.....	4,503	322	303	19	—	—	—
Medicine Hat.....	2,275	93	60	29	3	—	1
Lethbridge.....	28	—	—	—	—	—	—
Vancouver.....	508	14	10	4	—	—	—
Churchill.....	8,798	—	—	—	—	—	—
Totals.....	285,521	26,582	10,741	7,002	656	902	7,281
			Percentage of Re-inspections				
	%	%	%	%	%	%	%
Winnipeg.....	—	100	43.4	25.7	3.4	2.9	24.6
Calgary.....	—	100	27.6	35.3	1.9	3.6	31.6
Edmonton.....	—	100	38.7	23.7	1.7	4.3	31.6
Saskatoon.....	—	100	93.3	6.7	—	—	—
Moose Jaw.....	—	100	94.1	5.9	—	—	—
Medicine Hat.....	—	100	64.5	31.2	3.2	—	1.1
Lethbridge.....	—	100	—	—	—	—	—
Vancouver.....	—	100	71.4	28.6	—	—	—
Churchill.....	—	100	—	—	—	—	—
Totals.....	—	100	40.4	26.3	2.5	3.4	27.4
			Percentage of Total Inspections				
	%	%	%	%	%	%	%
Winnipeg.....	100	6.6	2.8	1.7	0.2	0.2	1.6
Calgary.....	100	12.3	3.4	4.3	0.2	0.4	3.9
Edmonton.....	100	24.2	9.4	5.7	0.4	1.1	7.7
Saskatoon.....	100	5.5	5.2	0.4	—	—	—
Moose Jaw.....	100	7.1	6.7	0.4	—	—	—
Medicine Hat.....	100	4.1	2.6	1.3	0.1	—	—
Lethbridge.....	100	—	—	—	—	—	—
Vancouver.....	100	2.8	2.0	0.8	—	—	—
Churchill.....	100	—	—	—	—	—	—
Totals.....	100	9.3	3.8	2.5	0.2	0.3	2.6

Table E-7.—Summary of Carlot Inspections Appealed, Crop Year 1955-56

Item	Winnipeg		Edmonton		Calgary		Total	
	Cars	Percent	Cars	Percent	Cars	Percent	Cars	Percent
Left as graded.....	685	97.3	331	81.7	423	85.6	1,439	89.8
Grades Raised.....	19	2.7	74	18.3	67	13.6	160	10.0
Grades Lowered.....	—	—	—	—	4	0.8	4	0.2
Totals.....	704	100.0	405	100.0	494	100.0	1,603	100.0
Total Cars Inspected.....							285,521	100.00
Total Appeals.....							1,603	0.56
Total Grades Changed.....							164	0.06

TRADE AND COMMERCE

Table E-8.—Vessel Shipments Inspected, Crop Year 1955-56

Grain	Fort William and Port Arthur	Vancouver	Victoria	Prince Rupert	Churchill	Total
	bu.	bu.	bu.	bu.	bu.	bu.
Wheat	183,953,719	95,495,409	2,472,240	—	13,077,845	294,999,213
Oats	35,354,423	320,516	—	—	29,412	35,704,351
Barley	77,720,522	9,816,510	—	4,415,530	—	91,952,562
Rye	13,481,856	353,928	—	—	—	13,835,784
Flaxseed	9,638,448	709,331	—	—	—	10,347,779
Buckwheat	90,138	—	—	—	—	90,138
*Sample Grain	195,887	—	—	—	—	195,887
*Screenings	3,688,060	—	—	—	68,000	3,756,060
*Canada						
Rapeseed	—	433,150	412,791	—	—	845,941
†Mustard Seed	—	11,000	—	—	—	11,000
†U.S.A. Mustard Seed	—	19,197	—	—	—	19,197
Totals	324,123,053	107,159,041	2,885,031	4,415,530	13,175,257	451,757,912

*In bushels of 50 pounds.

†In bushels of 60 pounds.

Table E-9.—Carlot Shipments ex Terminal Elevators Inspected, Crop Year 1955-56

Grain	Winnipeg	Fort William and Port Arthur	Calgary	Edmonton	Moose Jaw
			Number of Carlots		
Wheat	759	4,172	511	737	1,345
Oats	724	5,454	26	78	170
Barley	416	2,347	435	31	13
Flaxseed	66	2,036	192	53	46
Rye	8	98	25	2	6
Mixed Grain	101	—	29	—	—
Corn	5	—	—	—	—
Buckwheat	2	63	—	—	—
Peas	5	—	—	—	—
Rapeseed	—	1	—	99	—
Screenings	351	3,214	253	32	85
Sample Grain	—	159	—	—	—
Totals	2,437	17,544	1,471	1,032	1,665

Grain	Saskatoon	Lethbridge	Medicine Hat	Vancouver, Victoria and Prince Rupert	Churchill
Wheat	3,231	1	3	394	—
Oats	119	—	8	494	—
Barley	37	—	1	176	—
Flaxseed	56	4	113	2	—
Rye	3	1	—	3	—
Mixed Grain	—	—	—	21	—
Corn	—	—	—	—	—
Buckwheat	—	—	—	—	—
Peas	—	—	—	—	—
Rapeseed	335	—	—	1	—
Screenings	466	—	6	1,253	106
Totals	4,247	6	131	2,344	106

BOARD OF GRAIN COMMISSIONERS

EASTERN DIVISION

Table E-10.—Carlot Inspections Eastern Grain, Crop Year 1955-56, by Grains and Points

Grain	Montreal	Toronto	Chatham	Total
	Carlots			
Wheat.....	—	296	1,291	1,587
Oats.....	3	—	4	7
Barley.....	32	2	185	219
Rye.....	—	1	42	43
Buckwheat.....	5	—	2	7
Corn.....	3	23	6,937	6,963
Beans.....	1	—	329	330
Soybeans.....	7	503	2,071	2,581
Flaxseed.....	—	15	—	15
Totals.....	51	840	10,861	11,752

Table E-11.—Carlot Inspections Eastern Grain, Crop Year 1955-56, by Grains, Grades and Points

Grade	Montreal	Toronto	Chatham	Total
	Carlots			
WHEAT				
1 Canada Eastern White Winter	—	82	563	645
2 Canada Eastern White Winter	—	160	210	370
3 Canada Eastern White Winter	—	5	7	12
4 Canada Eastern White Winter	—	1	2	3
5 Canada Eastern White Winter	—	—	1	1
1 Canada Eastern Mixed Winter	—	14	205	219
2 Canada Eastern Mixed Winter	—	3	54	57
3 Canada Eastern Mixed Winter	—	—	4	4
5 Canada Eastern Mixed Winter	—	—	1	1
Tough	—	—	134	134
Smutty	—	8	11	19
Weevilly	—	16	38	54
Infested	—	—	5	5
Sample	—	2	45	47
Condemned	—	5	11	16
Totals, Wheat	—	296	1,291	1,587
OATS				
2 Canada Eastern White	—	—	2	2
3 Canada Eastern	3	—	2	5
Totals, Oats	3	—	4	7
BARLEY				
2 Canada Eastern Six Row	—	—	3	3
3 Canada Eastern Six Row	—	2	160	162
4 Canada Eastern	27	—	10	37
5 Canada Eastern	5	—	5	10
Tough	—	—	4	4
Sample	—	—	3	3
Totals, Barley	32	2	185	219

TRADE AND COMMERCE

Table E-11.—Carlot Inspections Eastern Grain, Crop Year 1955-56, by Grains, Grades and Points—Continued

Grade	Montreal	Toronto	Chatham	Total
	Carlots			
RYE				
1 Canada Eastern.....	—	—	5	5
2 Canada Eastern.....	—	1	19	20
3 Canada Eastern.....	—	—	10	10
Tough.....	—	—	7	7
Sample.....	—	—	1	1
Totals, Rye.....	—	1	42	43
BUCKWHEAT				
Tough.....	1	—	—	1
Damp.....	2	—	2	4
Sample.....	2	—	—	2
Totals, Buckwheat.....	5	—	2	7
CORN				
Extra Dry 1 Canada Eastern Yellow.....	—	—	883	883
1 Canada Eastern Yellow.....	—	3	3,097	3,100
Extra Dry 2 Canada Eastern Yellow.....	—	1	218	219
2 Canada Eastern Yellow.....	—	7	319	326
Extra Dry 3 Canada Eastern Yellow.....	—	4	29	33
3 Canada Eastern Yellow.....	—	5	54	59
Extra Dry 4 Canada Eastern Yellow.....	—	2	3	5
4 Canada Eastern Yellow.....	3	—	4	7
Extra Dry 5 Canada Eastern Yellow.....	—	—	2	2
5 Canada Eastern Yellow.....	—	—	5	5
Tough.....	—	—	940	940
Damp.....	—	1	846	847
Moist.....	—	—	492	492
Wet.....	—	—	36	36
Sample.....	—	—	4	4
Condemned.....	—	—	4	4
1 Canada Eastern Mixed.....	—	—	1	1
Totals, Corn.....	3	23	6,937	6,963
BEANS				
1 Canada Eastern Pea.....	—	—	66	66
2 Canada Eastern Pea.....	—	—	194	194
3 Canada Eastern Pea.....	1	—	27	28
Tough.....	—	—	39	39
Damp.....	—	—	1	1
Sample.....	—	—	2	2
Totals, Beans.....	1	—	329	330

BOARD OF GRAIN COMMISSIONERS

Table E-11.—Carlot Inspections Eastern Grain, Crop Year 1955-56, by Grains, Grades and Points—Concluded

Grade	Montreal	Toronto	Chatham	Total
		Carlots		
SOYBEANS				
1 Canada Yellow.....	—	127	503	630
2 Canada Yellow.....	3	217	441	661
3 Canada Yellow.....	1	19	63	83
4 Canada Yellow.....	3	8	16	27
5 Canada Yellow.....	—	2	5	7
Tough.....	—	112	791	903
Damp.....	—	12	211	223
Moist.....	—	2	28	30
Wet.....	—	—	2	2
Sample.....	—	4	10	14
Condemned.....	—	—	1	1
Totals, Soybeans.....	7	503	2,071	2,581
FLAXSEED				
1 Canada Eastern.....	—	15	—	15
Totals, All Grains.....	51	840	10,861	11,752

Table E-12.—Cargo Inspections Eastern Grain, Crop Year 1955-56

Grain	West St. John	Montreal	Toronto	Chatham	Total
	bu.	bu.	bu.	bu.	bu.
Wheat	—	121,249	80,800	446,563	648,612
Corn	430,663	606,394	—	4,659,101	5,696,158
Soybeans	150,109	28,000	163,897	1,108,228	1,450,234
Totals	580,772	755,643	244,697	6,213,892	7,795,004

Table E-13.—Inspections—Eastern Grain in Bins or Warehouses, Crop Year 1955-56

Grain	West St. John	Montreal	Toronto	Chatham	Total
	bu.	bu.	bu.	bu.	bu.
Buckwheat	—	11,670	—	—	11,670
Corn	—	4,371	—	1,500	5,871
Beans	—	—	—	85,685	85,685
Soybeans	5,670	18,838	—	1,940	26,448
Totals	5,670	34,879	—	89,125	129,674

TRADE AND COMMERCE

**Table E-14.—Inward and Export Cargoes Sampled and Grade Checked,
Crop Year 1955-56**

	Montreal	Sorel	Three Rivers	Quebec	Halifax and St. John	Total
	bu.	bu.	bu.	bu.	bu.	bu.
EASTERN GRAIN						
Inward.....	4,042,159	—	—	—	—	4,042,159
Export.....	3,159,028	—	—	—	387,085	3,546,113
WESTERN GRAIN						
Inward.....	80,467,287	—	488,969	189,334	—	81,145,590
Export.....	100,452,208	15,627,542	14,001,647	15,015,867	42,634,295	187,731,559
U.S. GRAIN						
Inward.....	288,075	—	—	—	—	288,075
Export.....	—	—	—	—	—	—
Totals.....	188,408,757	15,627,542	14,490,616	15,205,201	43,021,380	276,753,496

Table E-15.—Grain Sampled but not Inspected, Crop Year 1955-56

	Montreal	Toronto	Chatham	Total
EASTERN GRAIN				
Carlots.....	31	1	10	42
Inward Cargoes..... (bu.)	260,568	—	—	260,568
Outward Cargoes..... (bu.)	155,199	—	—	155,199
Bin Lots..... (bu.)	151,756	400,000	16,565	568,321
WESTERN GRAIN				
Carlots.....	59	7	309	375
Inward Cargoes..... (bu.)	192,180	—	—	192,180
Outward Cargoes..... (bu.)	4,758,497	308,302	—	5,066,799
Bin lots..... (bu.)	97,246	210,000	—	307,246
FOREIGN GRAIN—U.S.A.				
Carlots.....	1	—	—	1
Inward Cargoes..... (bu.)	593,340	—	—	593,340
Bin lots..... (bu.)	59,295	—	—	59,295
Totals—Cars.....	91	8	319	418
 Bushels.....	6,268,081	918,302	16,565	7,202,948

APPENDIX F

Grain Weighing Branch

J. J. Manson, Chief Grain Weighmaster

Under the provisions of Sections 33 and 124 of the Canada Grain Act, all grain received at or shipped from licensed terminal elevators is weighed by the Board's weighing staffs. The same weighing service is also provided at licensed mill elevators as may be required by licensees.

During the Crop Year 1955-56 weighing services were provided at forty-seven public, semi-public and private terminal elevators in the Western Division and when requested, at twenty-nine mill elevators.

All scales and the equipment for transferring grain to scales on receipt and from scales for shipment in all licensed eastern and terminal elevators and serviced mill elevators were regularly inspected during the crop year under provision of Section 92 of the Act. In accordance with the special arrangement with the Standards Branch of the Department of Trade and Commerce, all scales in licensed terminal and eastern elevators were inspected, verified and stamped by the Board's scale inspector, acting as an inspector under the Weights and Measures Act.

New installations of dust control equipment in terminal and eastern elevators were inspected to ensure that such equipment did not affect the weighing of the grain received at or shipped from these elevators.

During the crop year under review, 293,489 carlots of grain were weighed on receipt at terminal and mill elevators in the Western Division, and of these carlots, 54,349 or 18.5% were reported leaking, and 6,923 or 2.4% were without seals or had defective seals.

Outturns at Eastern elevators of vessel shipments from the Lakehead were closely checked and investigations made in cases of excessive shortages with a view to assessing liability in cases where such could be established.

The stocks in store in thirty-three terminal elevators and twenty-eight Eastern elevators were weighed over during the crop year in accordance with provisions of Sections 139 and 140 of the Canada Grain Act.

The following tables summarize the grain weighed and other information relating to the work of the Branch.

Table F-1.—Gross Quantities of All Grains Weighed at Terminal Elevators in the Western Division during 1955-56 Crop Year

Point	Wheat		Oats		Barley		Rye		Flaxseed		Canadian Corn		Canadian Buckwheat		U.S.A. Corn		Miscellaneous	
	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	lbs.	lbs.
R E C E I P T S																		
Fort William-Port Arthur	181,844,582	46,313,237	89,027,909	12,156,028	17,464,525	—	214,982	—	—	—	—	—	—	—	—	—	46,240,301	—
Vancouver-New Westminster	100,606,174	902,872	10,875,818	367,814	717,703	—	—	—	—	—	—	—	—	—	—	—	36,939,230	—
Victoria	2,325,498	5,536	1,667	—	—	—	—	—	—	—	—	—	—	—	—	—	20,575,010	—
Prince Rupert	245,682	—	4,646,730	—	189	—	—	—	—	—	—	—	—	—	—	—	—	—
Churchill	15,853,428	411	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Calgary	887,531	5,661	707,871	58,759	391,629	—	—	—	—	—	—	—	—	—	—	—	95,870	—
Edmonton	331,676	187,237	63,710	104,820	104,820	—	—	—	—	—	13,190	—	—	—	—	—	11,283,460	—
Lethbridge	1,504	—	376	1,553	8,271	—	—	—	—	—	—	—	—	—	—	—	—	—
Moose Jaw	1,614,892	—	6,134	6,316	3,611	—	—	—	—	—	—	—	—	—	—	—	42,587,640	—
Saskatoon	2,775,992	433	—	62,289	—	—	—	—	—	—	—	—	—	—	—	—	1,401,950	—
North Transcona	263,742	28,596	62,924	15,341	12,623	—	—	—	—	—	—	—	3,343	—	—	—	—	—
Total Receipts	306,750,701	47,443,983	105,393,139	12,605,811	18,765,660	13,190	218,325	10,252	14,832,901	15,341	10,252	217,609	1,478	1,478	1,478	1,478	716,306,898	716,306,898
S H I P M E N T S																		
Fort William-Port Arthur	191,428,838	47,915,719	83,497,416	13,696,102	13,600,456	—	214,266	—	—	—	—	—	—	—	—	—	454,309,504	—
Vancouver-New Westminster	96,581,300	1,965,010	10,145,150	359,681	711,698	—	—	—	—	—	—	—	—	—	—	—	159,334,740	—
Victoria	2,475,531	28,080	1,396	—	—	—	—	—	—	—	—	—	—	—	—	—	23,297,550	—
Prince Rupert	354,667	—	4,060,864	—	—	—	—	—	—	—	—	—	—	—	—	—	4,039,640	—
Churchill	12,818,845	29,737	—	—	—	—	—	—	—	—	—	—	—	—	—	—	10,641,534	—
Calgary	773,765	5,097	543,534	48,545	347,235	—	—	—	—	—	—	—	—	—	—	—	3,806,430	—
Edmonton	1,309,873	186,571	61,845	1,553	87,409	—	—	—	—	—	10,252	—	—	—	1,478	—	11,948,520	—
Lethbridge	1,504	—	—	6,134	7,651	—	—	—	—	—	—	—	—	—	—	—	65,510	—
Moose Jaw	2,039,235	—	6,134	6,316	3,611	—	—	—	—	—	—	—	—	—	—	—	1,332,880	—
Saskatoon	3,735,150	13,677	—	13,677	62,218	—	—	—	—	—	—	—	—	—	—	—	46,082,150	—
North Transcona	237,350	29,409	67,530	15,341	12,623	—	—	—	—	—	—	—	3,343	—	—	—	1,448,440	—
Total Shipments	311,756,058	50,173,300	98,383,869	14,127,538	14,832,901	10,252	217,609	1,478	14,832,901	15,341	10,252	217,609	1,478	1,478	1,478	1,478	716,306,898	716,306,898

BOARD OF GRAIN COMMISSIONERS

Table F-2.—Number of Cars Leaking and Cars with Missing Seals at the Lakehead, at Other Points and at Winnipeg Yards, by Railways for the Crop Year 1955-56

Destination	Cars Leaking		Missing Seals	
	C.N.R.	C.P.R.	C.N.R.	C.P.R.
Lakehead Elevators and Yards.....	19,598	20,376	1,588	2,738
Other Points.....	6,821	7,554	975	1,622
Totals.....	26,419	27,930	2,563	4,360
Totals Both Railways.....	54,349		6,923	
Winnipeg Yards.....	1,581	1,888	797	1,370

Table F-3.—Number of Cars Weighed at all Points and Percentage of such Cars found Leaking or with Defective Seals, Crop Years 1954-55 and 1955-56

	Number		Percentage of Total	
	1955-56	1954-55	1955-56	1954-55
Cars Weighed In.....	293,489	282,500	100.0	100.0
Inward Cars Leaking.....	54,349	59,080	18.5	20.9
Inward Cars with Missing or Defective Seals.....	6,923	5,306	2.4	1.8
Cars Weighed Out.....	32,615	27,711	—	—

Table F-4.—Average Reported Outturn Shortages on Vessel Shipments of Grain from Fort William-Port Arthur to Canadian and United States Ports during the 1955-56 Crop Year

Grain	Bushels Shipped	Shortage in Pounds per 1,000 Bushels	
		1955-56	1954-55
CANADIAN PORTS			
Wheat.....	166,624,722	28.4	30.4
Durum Wheat.....	10,968,763	35.9	35.3
Oats.....	34,214,901	19.1	18.1
Barley.....	49,445,468	30.3	31.5
Rye.....	9,513,027	42.4	43.8
Flaxseed.....	9,619,756	29.3	31.3
Buckwheat.....	90,138	44.1	38.6
Sample Grain (in lbs.).....	8,122,180	1.1 lbs.	2.0 lbs.
Screenings (in tons).....	45,251	per 1,000 lbs.	per 1,000 lbs.
		1.7 lbs.	1.6 lbs.
		per ton	per ton
UNITED STATES PORTS			
Wheat.....	6,084,186	53.3	68.7
Oats.....	1,349,344	17.2	49.1
Barley.....	28,678,781	43.7	41.0
Rye.....	3,988,125	5.6	52.0
Sample Grain (in lbs.).....	952,150	1.3 lbs.	—
Screenings (in tons).....	46,944	per 1,000 lbs.	—
		—	—
TOTAL CANADIAN AND UNITED STATES PORTS			
Wheat.....	172,708,908	29.3	31.6
Durum Wheat.....	10,968,763	35.9	35.3
Oats.....	35,564,245	19.0	24.9
Barley.....	78,124,249	35.2	35.8
Rye.....	13,501,152	31.5	46.1
Flaxseed.....	9,619,756	29.3	31.3
Buckwheat.....	90,138	44.1	38.6
Sample Grain (in lbs.).....	9,074,330	1.1 lbs.	2.0 lbs.
Screenings (in tons).....	92,195	per 1,000 lbs.	per 1,000 lbs.
		.9 lbs.	.5 lbs.
		per ton	per ton

APPENDIX G

Statistics Branch

E. E. Baxter, Chief Statistician

The Statistics Branch collects, compiles and publishes basic statistics relating to the storage and handling of grain in and between those Canadian elevators licensed under the Canada Grain Act. It prepares audit statements of the operations of all terminal and eastern elevators, verifies the insurance carried on grain stocks, supplies for review by the Board a detailed analysis of country elevator operations and co-operates with other Board offices in the maintenance of detailed records of principal operations.

There were no major changes in the principal statistical bulletins released by this office in 1955-56. The demand for these publications continued to expand and minor adjustments were made to the detailed statistics to improve their application with respect to this wider usage.

Considerable progress was achieved during the year in continuation of the gradual program of adapting statistical and other records to machine operations. Additional equipment and improved accommodation greatly facilitated this work. The new equipment and procedures made possible the recording of further data relative to terminal elevator and country elevator operations and vessel movement. These new tabulations were not possible under manual operations. Currently in the plan and development stage are further applications of the machine accounting unit designed to improve and extend Board records.

The additional records and the flexibility attained through machine card accounting has enabled the Branch to meet the increasing demands from the Trade and Government offices for special statistics and to provide the Board with numerous special analyses on various grain problems. A particular example of the latter has been the new country elevator weighup records system in full operation for the first time in 1955-56.

In accordance with provisions of the "Inland Water Freight Rates Act 1923" copies of vessel charter confirmations for all lake grain cargoes shipped from Fort William-Port Arthur during the 1956 season of navigation were filed by shippers with this office. Reports covering the cargoes of 1,307 vessels and a total load of 367.8 million bushels of the five principal grains were received for the season which opened on April 5th and closed on December 15th, 1956. Rates on these cargoes were relatively steady over the season at the maximum levels allowable under the Act.

All grain audit statements have been prepared as required in connection with the weighup during the year of grain in Terminal and Eastern elevators by the Inspection and Weighing Branches of the Board under authority of Sections 139 and 140 of the Canada Grain Act.

Pursuant to Section 102 of the Canada Grain Act, insurance policies on in-store grain have been obtained from licensees of public country, semi-public terminal and eastern elevators. These policies have been scrutinized and regular insurance valuation reports checked to ensure adequate protection to owners of stored grain.

In compliance with Section 21 of the Canada Grain Act, grain price records for the principal grain markets have been maintained in this office and regular statements covering price statistics have been released throughout the year.

BOARD OF GRAIN COMMISSIONERS

Annual returns covering the operations of 5,378 country elevators over the crop year 1955-56, required under Board's Regulation No. 17, were checked and tabulated. Detailed analytical statements were submitted to the Board and further general statistics thereon released to the public. The new reporting procedure relative to those country elevators completely weighed over during the crop year was in full operation and special statements were prepared for the advice of the Board and the Assistant Commissioners in their review of individual agent's operations.

Certain principal grain statistics for the 1955-56 crop year and the 1956 season of navigation are presented in the tables which follow. The Branch's annual export publication "Canadian Grain Exports—1955-56" was released early in December, 1956. The basic reference statistics covering the 1955-56 crop year will be carried in "Grain Trade of Canada 1955-56", the joint publication of this office and the Agriculture Division of the Dominion Bureau of Statistics.

Table G-1.—Supply and Disposition of Canadian Grain, Crop Year 1955-56

	Wheat	Oats	Barley	Rye	Flaxseed
	bu.	bu.	bu.	bu.	bu.
SUPPLY					
Carry-over July 31, 1955	499,748,472	83,967,243	91,488,186	18,484,653	1,234,064
Production in 1955	494,140,000	407,783,000	252,410,000	14,754,000	19,748,000
Total Supply	993,888,472	491,750,243	343,898,186	33,238,653	20,982,064
DISPOSITION					
Exported Overseas	300,809,807	2,275,553	35,458,648	8,914,793	11,582,988
Exported to U.S.A.	7,238,409	1,866,803	28,854,835	4,003,681	—
Consumed in Canada*	145,266,445	368,502,046	168,636,768	5,007,142	6,891,605
Total Disposition*	453,314,661	372,644,402	232,950,251	17,925,616	18,474,593
CARRY-OVER (July 31, 1956)					
On Farms (estimated)	165,205,000	71,200,000	50,465,000	9,105,000	440,000
In Country, Private Terminal and Mill Elevators	240,758,501	25,008,474	35,183,047	3,445,586	260,037
In Public and Semi-Public Terminal Elevators	53,669,093	6,741,514	14,700,820	1,289,799	1,050,488
In Store at and Afloat to Eastern Elevators	56,794,038	6,848,010	7,605,239	737,332	476,092
In Eastern Flour Mills	2,052,979	241,318	121,555	1,298	—
In Transit by Rail—Eastern and Western Divisions	21,323,313	8,245,850	2,872,274	660,299	280,854
In Store and in Transit to the United States	770,887	820,675	—	73,723	—
Total in Store July 31, 1956* ..	540,573,811	119,105,841	110,947,935	15,313,037	2,507,471

*Subject to revision.

TRADE AND COMMERCE

**Table G-2.—Production and Producers' Marketings in Western Canada,
by Provinces, Crop Year 1955-56**

	Wheat	Oats	Barley	Rye	Flaxseed
	bu.	bu.	bu.	bu.	bu.
PRODUCTION (DBS Estimate)					
Manitoba	41,000,000	50,000,000	40,000,000	1,700,000	4,600,000
Saskatchewan	298,000,000	135,000,000	104,000,000	8,200,000	11,850,000
Alberta and British Columbia	134,254,000	108,652,000	101,848,000	3,514,000	3,104,000
Totals	473,254,000	293,652,000	245,848,000	13,414,000	19,554,000
PRODUCERS' MARKETINGS					
(a) At Country Elevators					
Manitoba	32,059,903	12,336,472	22,720,615	1,545,852	3,907,151
Saskatchewan	223,759,044	42,472,692	54,576,808	7,355,459	8,870,612
Alberta	92,541,462	15,949,154	36,555,541	3,425,572	2,186,716
Totals	348,360,409	70,758,318	113,852,964	12,326,883	14,964,480
(b) At Public and Semi-Public Terminals					
Manitoba	8,467	6,105	5,176	—	—
Saskatchewan	—	—	—	—	—
Alberta	5,985	186,510	55,367	—	3,904
Totals	14,452	192,615	60,543	—	3,904
(c) At Interior Private and Mill Elevators					
Manitoba	565,048	43,091	23,689	—	138,843
Saskatchewan	1,862,709	311,789	287,797	9,787	260,955
Alberta	1,987,150	293,959	116,191	105,219	327,902
Totals	4,414,907	648,839	427,677	115,006	727,700
(d) Loaded over Platforms					
Manitoba	9,385	4,666	8,909	700	2,536
Saskatchewan	129,794	16,040	11,931	7,127	40,046
Alberta	46,265	8,129	98,347	36,347	11,545
Totals	185,444	28,835	119,187	44,174	54,127
Total Producers' Marketings					
Manitoba	32,642,803	12,390,334	22,758,389	1,546,552	4,048,531
Saskatchewan	225,751,547	42,800,521	54,876,536	7,372,373	9,171,613
Alberta	94,580,862	16,437,752	36,825,446	3,567,138	2,530,067
Totals	352,975,212	71,628,607	114,460,371	12,486,063	15,750,211

BOARD OF GRAIN COMMISSIONERS

Table G-3.—Receipts and Shipments of Canadian Grain at Terminal Elevators, Crop Year 1955-56

	Wheat	Oats	Barley	Rye	Flaxseed
	bu.	bu.	bu.	bu.	bu.
Fort William-Port Arthur					
Receipts.....	175,909,817	44,866,496	86,969,864	11,759,346	14,156,929
Shipments.....	190,925,936	47,184,745	82,987,259	13,599,627	13,335,866
Vancouver-New Westminster—					
Receipts.....	98,160,619	799,230	10,696,147	359,329	706,788
Shipments.....	96,241,596	1,915,039	10,135,119	359,681	702,811
Victoria—					
Receipts.....	2,248,648	746	—	—	—
Shipments.....	2,475,530	28,030	1,396	—	—
Prince Rupert—					
Receipts.....	238,316	—	4,542,030	—	189
Shipments.....	354,667	—	4,060,864	—	—
Churchill—					
Receipts.....	15,484,614	411	—	—	—
Shipments.....	12,818,845	29,737	—	—	—
Transcona—					
Receipts.....	261,343	28,548	62,843	15,341	12,623
Shipments.....	237,350	29,409	67,528	15,341	12,623
Calgary—					
Receipts.....	870,660	5,661	707,561	58,721	341,283
Shipments.....	773,765	5,097	543,534	48,545	342,680
Edmonton—					
Receipts.....	323,932	186,764	63,570	—	86,514
Shipments.....	1,309,873	186,571	61,845	—	86,514
Lethbridge—					
Receipts.....	1,504	—	376	1,553	7,467
Shipments.....	1,504	—	—	1,553	7,554
Moose Jaw—					
Receipts.....	1,570,808	—	6,134	6,316	3,611
Shipments.....	2,039,235	—	6,134	6,316	3,611
Saskatoon—					
Receipts.....	2,671,734	433	—	—	62,218
Shipments.....	3,735,150	13,677	—	—	62,218
Total Receipts.....	297,741,995	45,888,289	103,048,525	12,200,606	15,377,622
Total Shipments.....	310,913,451	49,392,355	97,863,679	14,031,063	14,553,877

Table G-4.—Shipments of Foreign Grain from Canadian Elevators into Canadian Consumer Channels, Crop Year 1955-56

From	United States Flaxseed	United States Corn	United States Soybeans	United States Rice
	bu.	bu.	bu.	bu.
Eastern Elevators.....	295,211	1,583,195	936,776	125,872
Fort William-Port Arthur.....	—	—	—	—
Interior Terminals.....	—	1,478	—	—
Interior Private and Mill Elevators.....	42,035	1,597,044	—	—
Pacific Coast Elevators.....	—	—	—	—

TRADE AND COMMERCE

Table G-5.—Primary Receipts and Shipments at Eastern Elevators, Crop Year 1955-56

	Receipts	Shipments
	bu.	bu.
Canadian Grain—		
Wheat.....	187,025,919	204,533,349
Oats.....	33,193,163	31,872,176
Barley.....	44,076,916	41,486,548
Rye.....	9,702,083	9,851,037
Flaxseed.....	13,408,738	13,435,345
Corn.....	8,080,191	7,875,284
Beans.....	2,404,788	2,446,892
Buckwheat.....	254,650	257,567
Peas.....	12,755	12,635
Mixed Grain (lbs.).....	691,190	676,076
Sample Grain (lbs.).....	9,023,120	8,028,936
United States Grain—		
Wheat.....	1,709,083	1,571,641
Flaxseed.....	321,668	295,211
Corn.....	1,492,123	1,583,195
Soybeans.....	867,713	936,776
Rice.....	125,872	125,872

Table G-6.—Supply and Disposition of Canadian Grain in United States Positions, Crop Year 1955-56

	Wheat	Oats	Barley	Rye
	bu.	bu.	bu.	bu.
SUPPLY				
In Store and In Transit, U.S.A.....	411,078	—	—	90,550
Receipts direct from Canada.....	8,412,025	2,687,478	28,962,876	3,986,854
Total Supply.....	8,823,103	2,687,478	28,962,876	4,077,404
DISPOSITION				
Exported.....	227,223	—	—	—
Returned to Canada.....	586,584	—	108,041	—
Used Domestically.....	7,238,409	1,866,803	28,854,835	4,003,681
Total Disposition.....	8,052,216	1,866,803	28,962,876	4,003,681
In Store and In Transit, July 31, 1956.....	770,887	820,675	—	73,723

BOARD OF GRAIN COMMISSIONERS

Table G-7.—Exports of Canadian Wheat, by Seaboard Sectors, by Months, Crop Year 1955-56

	Via Canadian Pacific Ports	Via Canadian St. Lawrence- Atlantic Ports	Via Churchill	Via Fort William- Port Arthur Direct	Via United States Atlantic Ports	United States Imports ¹		Total All Wheat	Wheat Flour ²	Total Wheat and Wheat Flour
						For Domestic Use	Milling in Bond			
1955										
August.....	bu. 7,224,544	bu. 7,717,939	bu. 4,834,845	bu. —	bu. —	bu. 469,049	bu. —	bu. 20,246,377	bu. 2,673,398	bu. 22,919,775
September.....	4,696,781	4,594,889	5,404,773	—	181,000	291,562	—	15,169,005	3,461,928	18,630,933
October.....	4,450,409	7,044,973	2,579,227	—	—	415,873	—	14,490,482	3,558,616	18,049,098
November.....	7,151,008	9,295,915	—	—	—	439,512	—	16,886,435	3,085,121	19,971,556
December.....	5,960,714	4,361,844	—	—	—	429,131	—	10,751,689	3,076,020	13,827,709
1956										
January.....	9,451,579	9,599,635	—	—	1,333	475,829	—	19,528,376	2,791,760	22,320,136
February.....	7,868,708	9,115,943	—	—	—	537,482	—	17,522,133	3,444,514	20,966,647
March.....	7,891,337	9,739,875	—	—	—	130,279	—	17,761,491	3,180,838	20,942,329
April.....	9,450,925	19,522,766	—	—	—	1,203,457	129,489	30,306,637	3,276,115	33,582,752
May.....	12,324,101	25,025,669	—	—	—	811,978	336,996	38,498,744	3,645,431	42,144,175
June.....	15,913,543	26,286,956	—	18,667	—	1,149,633	95,910	43,464,709	3,037,274	46,501,983
July.....	5,938,667	18,249,601	—	—	44,900	322,229	—	24,555,397	3,635,726	28,191,123
Total Crop Year 1955-56	98,322,316	150,556,005	12,818,845	18,667	227,233	6,676,014	562,395	269,181,475	38,866,741	308,048,216
Total Crop Year 1954-55	79,901,268	114,646,896	12,245,093	—	35,822	3,076,526	1,381,969	211,287,574	40,621,558³	251,909,132
5-Year Average 1950-51 to 1954-55	93,187,125	124,546,594	9,231,923	116,820	1,895,546	14,384,817	4,419,145	247,781,970	50,078,666	297,860,636

¹ Compiled from returns of Canadian elevator licensees and shippers and advice from American grain correspondents.

² Canadian Customs returns converted to bushels—unadjusted for time lag.

³ Revised—adjusted to remove effect of time lag in reports made by the Customs.

TRADE AND COMMERCE

Table G-8.—Overseas Exports of Canadian Grain, by Seaboard Sectors, by Grades, Crop Year 1955-56

Grades	Via Canadian Pacific Ports	Via Canadian St. Lawrence- Atlantic Ports*	Via Churchill	Via United States Atlantic Ports	Total
WHEAT—	bu.	bu.	bu.	bu.	bu.
1 Manitoba Northern	2,593,488	4,891,528	295,867	—	7,780,883
2 Manitoba Northern	30,429,412	59,933,177	8,728,376	44,900	99,135,865
3 Manitoba Northern	25,783,632	27,573,357	3,739,934	1,333	57,098,256
4 Manitoba Northern	14,938,028	16,956,958	14,535	—	31,909,521
No. 5	18,712,332	16,504,936	—	—	35,217,268
No. 6	1,359,756	5,599,996	—	—	6,959,752
Feed	89,973	1,716,012	—	—	1,805,985
2 C.W. Garnet	240,390	—	—	—	240,390
3 C.W. Garnet	1,789,545	—	—	—	1,789,545
1 Alberta Red Winter	93,724	—	—	—	93,724
2 Alberta Winter	684,831	—	—	—	684,831
3 Alberta Winter	522,519	—	—	—	522,519
Other Western	1,084,686	3,018,752	40,133	181,000	4,324,571
Eastern	—	913,693	—	—	913,693
2 C.W. Amber Durum	—	1,458,629	—	—	1,458,629
3 C.W. Amber Durum	—	635,054	—	—	635,054
Extra 4 C.W. Amber Durum	—	9,910,864	—	—	9,910,864
4 C.W. Amber Durum	—	1,120,107	—	—	1,120,107
5 C.W. Amber Durum	—	332,276	—	—	332,276
Other Durum	—	9,333	—	—	9,333
Totals	98,322,316	150,574,672	12,818,845	227,233	261,943,066
OATS—					
2 C.W.	659	—	—	—	659
Extra 3 C.W.	—	16,484	—	—	16,484
3 C.W.	1,765	247,223	—	—	248,988
Extra 1 Feed	12,547	70,314	—	—	82,861
1 Feed	188,605	489,129	—	—	677,734
2 Feed	—	181,128	—	—	181,128
Mixed Feed	116,940	431,568	—	—	548,508
Eastern	—	449	—	—	449
Totals	320,516	1,436,295	—	—	1,756,811
BARLEY—					
3 C.W. Six-Row	2,600,687	358,785	—	—	2,959,472
3 C.W. Two-Row	3,627,481	267,436	—	—	3,894,917
1 Feed	5,542,148	1,000,884	—	—	6,543,032
Extra 2 Feed	897,025	679,750	—	—	1,576,775
2 Feed	1,210,033	18,427,401	—	—	19,637,434
3 Feed	—	176,585	—	—	176,585
Tough 1 Feed	—	163,434	—	—	163,434
Tough Extra 2 Feed	—	23,333	—	—	23,333
Tough 2 Feed	—	483,000	—	—	483,000
Eastern	—	666	—	—	666
Totals	13,877,374	21,581,274	—	—	35,458,648
RYE—					
2 C.W.	196,238	4,567,030	—	—	4,763,268
3 C.W.	157,689	3,955,750	—	—	4,113,439
Other Western	—	38,051	—	—	38,051
Eastern	—	35	—	—	35
Totals	353,927	8,560,866	—	—	8,914,793
FLAXSEED—					
1 C.W.	697,275	10,673,273	—	—	11,370,548
2 C.W.	12,055	200,385	—	—	212,440
Totals	709,330	10,873,658	—	—	11,582,988

*Includes clearance of 18,667 bushels wheat and 47,028 bushels barley from Fort William-Port Arthur direct.

BOARD OF GRAIN COMMISSIONERS

Table G-9.—Overseas Exports of Canadian Grain, by Ports, Crop Year 1955-56

Loaded at	Wheat (All varieties)	Oats	Barley	Rye	Flaxseed	Total All Grains
Vancouver-New Westminster	bu. 95,495,410	bu. 320,516	bu. 9,816,510	bu. 353,927	bu. 709,330	bu. 106,695,693
Victoria	2,472,239	—	—	—	—	2,472,239
Prince Rupert	354,667	—	4,060,864	—	—	4,415,531
Montreal	67,507,174	1,386,876	19,033,497	7,362,142	7,121,590	102,411,279
Sorel	12,725,665	—	1,870,943	804,000	226,936	15,627,544
Three Rivers	13,581,658	—	420,000	—	—	14,001,658
Quebec	15,511,701	—	128,218	70,000	—	15,709,919
St. John	2,731,537	—	—	—	—	2,731,537
West St. John	21,223,677	49,419	81,588	232,561	2,465,736	24,052,981
Halifax	17,274,593	—	—	92,163	1,059,396	18,426,152
Churchill	12,818,845	—	—	—	—	12,818,845
Fort William-Port Arthur (direct)	18,667	—	47,028	—	—	65,695
Totals—Canadian Ports	261,715,833	1,756,811	35,458,648	8,914,793	11,582,988	319,429,073
Baltimore	181,000	—	—	—	—	181,000
New York	1,333	—	—	—	—	1,333
Portland	44,900	—	—	—	—	44,900
Total—U.S.A. Ports	227,233	—	—	—	—	227,233
Totals to Overseas	261,943,066	1,756,811	35,458,648	8,914,793	11,582,988	319,656,306
Wheat Flour ¹	38,866,741	518,742	—	—	—	38,866,741
Rolls Oats and Oatmeal ¹	—	1,866,803	—	—	—	518,742
U.S.A. Imports ²	7,238,409	—	28,854,835	4,003,681	—	41,963,728
Grand Totals	308,048,216	4,142,356	64,313,483	12,918,474	11,582,988	401,005,517

¹ Canadian Customs Returns—converted to bushels.

² Compiled from returns of Canadian Elevator licensees and shippers and advice from American grain correspondents.

TRADE AND COMMERCE

Table G-10.—Tough and Damp Grain Dried, by Storage Position, Crop Year 1955-56

	Artificial Drying			Natural Drying	Total
	Tough	Damp	Tough and Damp		
	bu.	bu.	bu.	bu.	bu.
LAKEHEAD					
Wheat.....	9,484,359	29,422	9,513,781	8,095,387	17,609,168
Durum Wheat.....	3,909	129	4,038	117,730	121,768
Oats.....	540,185	572	540,757	696,314	1,237,071
Barley.....	1,265,933	22,635	1,288,568	1,521,684	2,810,252
Rye.....	121,791	—	121,791	559,909	681,700
Flaxseed.....	10,235	25	10,260	50,271	60,531
Totals.....	11,426,412	52,783	11,479,195	11,041,295	22,520,490
PACIFIC COAST					
Wheat.....	2,943,351	3,895	2,947,246	5,298,448	8,245,694
Oats.....	25,269	74,693	99,962	14,405	114,367
Barley.....	220,264	1,202	221,466	643,986	865,452
Rye.....	1,459	—	1,459	20,102	21,561
Flaxseed.....	—	—	—	2,721	2,721
Totals.....	3,190,343	79,790	3,270,133	5,979,662	9,249,795
INTERIOR					
Wheat.....	616,382	1,747	618,129	366,796	984,925
Barley.....	—	—	—	573	573
Totals.....	616,382	1,747	618,129	367,369	985,498
CHURCHILL					
Wheat.....	—	—	—	452,511	452,511
Totals, All Positions.....	15,233,137	134,320	15,367,457	17,840,837	33,208,294

Table G-11.—Weighted Average Lake Freight Rates on Canadian Grain from Fort William-Port Arthur, Season of Navigation 1956

Port of Discharge	Wheat	Oats	Barley	Rye	Flaxseed
		(cents per bushel)			
Georgian Bay Ports, Goderich, Sarnia and Walkerville.....	5.534	5.012	5.271	5.649	—
Port Colborne.....	7.510	6.75	7.25	7.5	—
Toronto.....	8.0	7.25	7.448	—	8.627
Kingston.....	9.585	8.0	8.726	—	—
Prescott.....	9.115	8.25	8.5	9.0	12.919
Montreal (Direct).....	16.024	13.0	15.093	16.0	17.0
Montreal via Bay Ports.....	16.0	—	15.25	—	—
Montreal via Port Colborne.....	16.093	13.0	15.25	16.0	17.0
Montreal via Toronto.....	16.0	—	15.25	16.0	17.0
Montreal via Kingston.....	16.023	13.0	15.25	16.0	17.0
Montreal via Prescott.....	16.0	13.0	15.245	16.0	17.0
Sorel (Direct).....	—	—	15.25	—	—
Sorel via Port Colborne.....	16.0	13.0	15.25	16.0	—
Sorel via Kingston.....	16.0	—	—	—	—
Sorel via Prescott.....	16.0	13.0	15.25	16.0	17.0
Three Rivers via Bay Ports.....	16.0	—	—	—	—
Three Rivers via Port Colborne.....	16.0	—	15.25	—	—
Three Rivers via Toronto.....	16.0	—	—	—	—
Quebec (Direct).....	16.0	13.0	15.25	—	—
Quebec via Port Colborne.....	16.0	13.0	15.25	—	—
Quebec via Kingston.....	16.0	—	—	—	—
Quebec via Prescott.....	16.0	13.0	15.25	—	—
Buffalo.....	8.533	5.273	7.957	6.936	9.0
Chicago.....	8.5	—	—	6.523	—
Detroit.....	—	—	8.208	—	—
Duluth-Superior.....	6.137	—	5.355	—	—
Huron.....	7.0	4.660	—	—	—
Manitowoc.....	—	—	6.368	—	—
Milwaukee.....	8.0	—	6.666	8.0	—
Oswego.....	—	—	11.0	—	—

NOTE—Rates originally quoted in United States Funds have been converted to Canadian currency at the prevailing rates of exchange.

Table G-12.—Overages and Shortages Disclosed by Weighovers of Grain Stored in PUBLIC TERMINAL Elevators, Crop Year 1955-56

NOTE.—The figures shown in this table represent differences between outstanding registered warehouse receipts and quantities of grain disclosed at weighover.

Date of Weighover	Licensee	Wheat		Oats		Mixed Feed Oats		Barley		Rye		Flaxseed		Corn		Rapeseed		Mixed, and Sample Grain	
		Over-age	Short-age	Over-age	Short-age	Over-age	Short-age	Over-age	Short-age	Over-age	Short-age	Over-age	Short-age	Over-age	Short-age	Over-age	Short-age	Over-age	Short-age
		bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	lb.	lb.	lb.	lb.
1956	CANADIAN GOVERNMENT ELEVATORS																		
Jan. 5-Feb. 14.	Moose Jaw, Sask.	5,091.7	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
Feb. 16-Mar. 27	Saskatoon, Sask.	4,316.3	—	—	—	—	—	—	—	—	—	111.4	—	—	—	13,420	—	218,750	—
	Totals	9,408.0	—	—	—	—	—	—	—	—	—	111.4	—	—	—	13,420	—	218,750	—
	Net Totals—Overages	9,408.0	—	—	—	—	—	—	—	—	—	111.4	—	—	—	13,420	—	218,750	—
	Shortages	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—

Table G-13.—Excesses and Deficiencies in Specified Grades of Wheat Disclosed by Weighovers of Grain Stored in PUBLIC TERMINAL Elevators, Crop Year 1955-56

Date of Weighover	Licensee	Excess				Deficiency			
		1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Hard	1 Northern	2 Northern	3 Northern
		bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.
1956	CANADIAN GOVERNMENT ELEVATORS								
Jan. 5-Feb. 14	Moose Jaw, Sask.	—	—	762.7	—	—	17.5	—	121.0
Feb. 16-Mar. 27	Saskatoon, Sask.	—	—	5,216.0	1,902.5	—	3,763.9	—	—

Table G-14—Excesses and Deficiencies in Specified Grades of Wheat Disclosed by Weighovers of Grain Stored in SEMI-PUBLIC TERMINAL Elevators, Crop Year 1955-56

Date of Weighover	Licensee	EXCESS					DEFICIENCY				
		1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet
		bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.
Dec. 21-27, 1955	FORT WILLIAM-PORT ARTHUR Canadian Consolidated Grain Co. Ltd. Empire Thunder Bay	—	7.5	1.7	3.3	—	—	—	—	—	—
Jan. 4-12, 1956		—	—	109.9	—	—	—	—	—	1,470.4	—
Feb. 3-14, 1956		—	—	16,732.8	—	—	—	18,274.6	—	30,496.6	22.2
Dec. 14-21, 1955	Federal Grain Ltd. Northwestern Stewart	—	—	—	—	—	—	2,165.0	14,713.0	13,153.8	13.0
Dec. 14-17, 1955		—	—	—	—	—	—	7,624.6	27,302.6	12,096.1	—
Dec. 14-20, 1955		—	—	—	—	—	—	—	—	—	—
May 14-18, 1956	Fort William Elevator Co. Ltd. Elevator "E"	—	—	—	—	—	—	21.3	185.0	1,547.9	—
Dec. 13-16, 1955	Lakehead Terminals Ltd.	—	6.6	—	184.0	—	—	—	233.8	—	—
May 9-10, 1956	Manitoba Pool Elevators Elevator No. 3 Elevator No. 6	—	—	—	—	—	—	—	3,830.3	20,221.4	—
Jan. 23-30, 1956		—	—	—	—	—	—	76.6	3,685.3	5,217.9	—
Dec. 15-21, 1955		—	—	—	—	—	—	92.3	61.3	3,077.6	—
Dec. 19-29, 1955	McCabe Grain Co. Ltd.	—	—	—	—	—	—	265.4	3,868.2	4,444.0	16.6
Dec. 13-23, 1955	National Grain Co. Ltd.	—	—	—	—	—	—	272.5	500.1	1,802.0	—
Jan. 9-18, 1956	Ogilvie Flour Mills Co. Ltd.	—	—	—	—	—	—	1,604.3	19,779.9	10,841.5	—
Dec. 21, 1955	Saskatchewan Wheat Pool— Elevator No. 4	—	—	—	—	—	—	2,279.2	7,252.9	44,117.8	—
Jan. 3, 1956	Elevator No. 5	—	—	—	—	—	—	3,751.1	31,130.5	12,849.0	91.9
Dec. 19-29, 1955	Elevator No. 7	—	—	—	—	—	—	2,636.2	14,851.8	32,587.5	1,627.3
Dec. 12-18, 1955	Searle Grain Co. Ltd.	—	—	—	—	—	—	—	236.2	—	—
Aug. 2-5, 1955	Superior Elevator Co. Ltd.	—	15.6	—	276.0	—	—	—	3,901.8	1,033.1	—
July 25-30, 1956	Superior Elevator Co. Ltd.	—	2,938.8	—	—	—	—	—	—	—	—
Dec. 27, 1955	United Grain Growers Ltd.	—	—	—	—	—	—	807.6	12,398.8	12,210.1	3.6
Jan. 4, 1956		—	—	—	—	—	—	—	—	—	—

BOARD OF GRAIN COMMISSIONERS

Table G-14.—Excesses and Deficiencies in Specified Grades of Wheat Disclosed by Weighovers of Grain Stored in SEMI-PUBLIC
TERMINAL Elevators, Crop Year 1955-56—Concluded

Date of Weighover	Licensee	EXCESS					DEFICIENCY						
		1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet	1 Hard	1 Northern	2 Northern	3 Northern	1 C.W. Garnet	2 C.W. Garnet
Oct. 19-Nov. 3, 1955	VANCOUVER-NEW WESTMINSTER	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.	bu.
Aug. 9-12, 1955	Alberta Wheat Pool	—	—	—	—	—	—	—	3,642.7	37,058.6	26,950.3	—	4.2
Nov. 28-Dec. 1, 1955	Cargill Grain Co. Ltd.	—	—	296.9	—	—	—	—	218.8	—	22.1	—	—
June 22-28, 1956	James Richardson & Sons Ltd.— Elevator No. 4 (N.H.B.)	—	—	—	—	—	—	—	15.4	18.0	47.3	—	7.7
Aug. 10-11, 1955	Searle Grain Co. Ltd.	—	—	—	—	—	—	—	328.1	1,504.6	4,973.0	—	58.7
Oct. 17-21, 1955	VICTORIA, B.C. Victoria Elevator Ltd.	—	—	—	776.0	—	—	—	3,033.0	976.0	—	—	—
Oct. 13-18, 1955	PRINCE RUPERT, B.C. Canadian Government Elevator	—	—	—	—	—	—	—	38.4	34.3	52.2	—	—
Oct. 13-18, 1955	CHURCHILL, MANITOBA National Harbours Board	—	1,337.2	—	—	—	—	—	—	3,362.2	3,326.5	—	—

TRADE AND COMMERCE

Table G-15.—Excesses and Deficiencies in Specified Grades of Wheat disclosed by Weighovers of Grain Stored in PRIVATE TERMINAL Elevators, Crop Year 1955-

Grade of Wheat	Excess	Deficiency
1 Hard.....	—	—
1 Northern.....	—	—
2 Northern.....	—	—
3 Northern.....	—	—
1 C.W. Garnet.....	—	—
2 C.W. Garnet.....	—	—

No wheat of the above grades was handled or in store in the following elevators:

Date of Weighover	Elevator Company	Location
July 23rd, 1956.....	Canada Malting Co. Ltd. No. 1.....	Calgary, Alberta
December 20th, 1955.....	Canada Malting Co. Ltd.....	Winnipeg, Manitoba
December 12th, 1955.....	Canada Malting Co. Ltd.....	Port Arthur, Ontario
December 15th, 1955.....	Dominion Malting Co. Ltd.....	Transcona, Manitoba
December 29th, 1955.....	National Grain Co. Ltd. (D & S).....	Fort William, Ontario

Table G-16.—Overages and Shortages Disclosed by Weighovers of Canada Western at Foreign Grain Stored in Eastern Elevators, Crop Year 1955-56

Date of Weighover	Licensee	Kind of Grain	Overage	Shortage
1956			bu.	bu.
Mar. 12-15	COLLINGWOOD Collingwood Terminals Ltd.....	Canada Western Wheat.....	—	2,408
		Canada Western Oats.....	—	110
		Canada Western Barley.....	103.9	—
		Canada Western Mixed Grain ..	—	*293.72
April 5-19	GODERICH Goderich Elevator and Transit Co. Ltd.....	Canada Western Wheat.....	—	9,260
		Canada Western Oats.....	—	5,860
		Canada Western Barley.....	—	2,574
		Canada Western Rye.....	—	749
		Canada Western Sample Grain..	—	*17.61
		Canada Western Screenings.....	—	*22.89
Mar. 6-12	Upper Lakes and St. Lawrence Transpor- tation Co. Ltd.....	Canada Western Wheat.....	—	3,227
		Canada Western Oats.....	—	1,682
		Canada Western Barley.....	—	645
		Canada Western Rye.....	—	232
		Canada Western Screenings.....	—	*23.30
Feb. 24- March 9	HUMBERSTONE Robin Hood Flour Mills Ltd.....	Canada Western Wheat.....	—	11,484
		Canada Western Oats.....	—	79
		Canada Western Barley.....	—	703
		U.S.A. Wheat.....	—	648
Feb. 20- Mar. 10	KINGSTON Canada Steamship Lines Ltd.....	Canada Western Wheat.....	—	6,549
		Canada Western Oats.....	—	1,216
		Canada Western Barley.....	—	3,208
		Canada Western Rye.....	—	587
		Canada Western Flaxseed.....	—	2,277
		Canada Western Buckwheat.....	—	14
		Canada Western Sample Grain..	—	*1.47
Mar. 13-21	MIDLAND Canada Steamship Lines Ltd.....	Canada Western Wheat.....	—	4,239
		Canada Western Oats.....	—	23

BOARD OF GRAIN COMMISSIONERS

Table G-16.—Overages and Shortages Disclosed by Weighovers of Canada Western and Foreign Grain Stored in Eastern Elevators, Crop Year 1955-56—Continued

Date of Weighover	Licensee	Kind of Grain	Overage	Shortage
1956			bu.	bu.
Mar. 26-April 3	Midland-Simcoe Elevator Co. Ltd.	Canada Western Wheat	—	3,843.7
		Canada Western Oats	—	779.2
		Canada Western Barley	—	552.3
		Canada Western Rye	—	8.2
Mar. 22-28	Renown Investments Ltd.	Canada Western Wheat	—	964.0
		Canada Western Oats	—	69.5
		Canada Western Barley	—	108.6
		Canada Western Rye	—	8.8
Mar. 23-29	MONTREAL Dominion Elevator Ltd.	Canada Western Wheat	—	2,632.5
		Canada Western Oats	—	1,052.1
		Canada Western Barley	—	519.4
		Canada Western Sample Grain	—	*1,740
		Canada Western Screenings	—	*18,730
		U.S.A. Corn	—	42.2
Jan. 11-Feb. 10	National Harbours Board	Canada Western Wheat	—	38,475.6
		Canada Western Oats	—	145.1
		Canada Western Barley	—	24,555.0
		Canada Western Rye	—	7,719.8
		Canada Western Flaxseed	—	3,778.5
		Canada Western Buckwheat	—	362.6
		Canada Western Peas	—	9.1
		Canada Western Mixed Grain	*4,970	—
		Canada Western Sample Grain	*4,680	—
		Canada Western Screenings	—	*2,000
		Canada Western Rapeseed	—	*1,400
		U.S.A. Flaxseed	—	41.8
		U.S.A. Corn	—	2,055.7
		U.S.A. Rice	—	160.4
Mar. 19-23	OWEN SOUND Great Lakes Elevator Co. Ltd.	Canada Western Wheat	—	5,228.7
		Canada Western Oats	—	893.0
		Canada Western Barley	—	509.0
		Canada Western Rye	74.5	—
		Canada Western Screenings	—	*107,230
Feb. 8-14	PORT COLBORNE Maple Leaf Milling Co. Ltd.	Canada Western Wheat	—	7,543.0
		Canada Western Oats	—	715.9
		Canada Western Barley	—	2,590.7
		Canada Western Rye	—	302.0
		Canada Western Flaxseed	—	42.6
Feb. 15-23	National Harbours Board	Canada Western Wheat	—	10,400.8
		Canada Western Oats	—	2,533.9
		Canada Western Barley	—	6,100.8
		Canada Western Rye	—	2,616.0
		Canada Western Flaxseed	—	1,320.3
April 2	PORT McNICOLL Canadian Pacific Railway Co.	Canada Western Wheat	—	2,752.2
		Canada Western Oats	—	50.6
		Canada Western Barley	16.2	—
		Canada Western Rye	—	83.6
Mar. 5-21	PRESCOTT National Harbours Board	Canada Western Wheat	—	11,726.0
		Canada Western Oats	—	5,056.2
		Canada Western Barley	—	2,830.3
		Canada Western Rye	—	1,366.4
		Canada Western Flaxseed	—	1,216.9
		Canada Western Buckwheat	—	41.4
		Canada Western Screenings	—	*1,450
		U.S.A. Corn	—	765.6

TRADE AND COMMERCE

Table G-16.—Overages and Shortages Disclosed by Weighovers of Canada Western and Foreign Grain Stored in Eastern Elevators, Crop Year 1955-56—Continued

Date of Weighover	Licensee	Kind of Grain	Overage	Shortage
1956			bu.	bu.
Feb. 13- Mar. 2	QUEBEC National Harbours Board	Canada Western Wheat.....	—	6,697.0
		Canada Western Oats.....	—	2,257.8
		Canada Western Barley.....	—	2,304.2
		Canada Western Rye.....	—	46.9
		Canada Western Sample Grain.....	—	*520
		Canada Western Screenings.....	—	*4,310
		U.S.A. Corn.....	—	127.2
Mar. 14- April 4	SARNIA Sarnia Elevator Co. Ltd.	Canada Western Wheat.....	—	8,058.6
		Canada Western Oats.....	—	96.1
		Canada Western Barley.....	—	77.5
		U.S.A. Wheat.....	—	214.9
Feb. 6-17	SOREL North American Elevators Ltd.	Canada Western Wheat.....	—	4,818.0
		Canada Western Oats.....	—	492.4
		Canada Western Barley.....	—	537.1
		Canada Western Rye.....	—	202.6
		Canada Western Flaxseed.....	—	320.0
June 4-7	THREE RIVERS Three Rivers Grain and Elevator Co. Ltd.	Canada Western Wheat.....	—	24,936.6
		Canada Western Oats.....	—	261.9
		Canada Western Barley.....	—	939.2
		Canada Western Sample Grain.....	*102,130	—
		U.S.A. Corn.....	—	8.1
Mar. 22- April 4	TORONTO Toronto Elevators	Canada Western Wheat.....	—	6,443.6
		Canada Western Oats.....	—	3,207.0
		Canada Western Barley.....	—	4,986.5
		Canada Western Rye.....	—	583.7
		Canada Western Flaxseed.....	—	1,450.7
		Canada Western Sample Grain.....	—	*1,820
		Canada Western Screenings.....	—	*10,690
		U.S.A. Corn.....	—	2.1
April 6-11	WALKERVILLE Hiram Walker & Sons Grain Corp. Ltd.	U.S.A. Soybeans.....	—	4,842.4
		Canada Western Wheat.....	—	2,807.6
		Canada Western Oats.....	10.4	—
		Canada Western Barley.....	—	15.3
		Canada Western Rye.....	—	861.1
		Screenings, Origin Unknown.....	—	*20
		U.S.A. Wheat.....	—	62.2
April 20	HALIFAX National Harbours Board	U.S.A. Corn.....	—	53.9
		Canada Western Wheat.....	—	10,540.7
		Canada Western Oats.....	—	10.0
		Canada Western Barley.....	—	6.3
		Canada Western Rye.....	—	57.6
April 27	ST. JOHN Canadian National Railway Co.	Canada Western Flaxseed.....	—	790.9
		Canada Western Wheat.....	—	1,603.3
April 25	WEST ST. JOHN Canadian Pacific Railway Co. Elevator "B"	Canada Western Wheat.....	—	5,328.1
		Canada Western Barley.....	—	7.3
		Canada Western Rye.....	—	72.9
		Canada Western Flaxseed.....	—	142.9
April 25	Canadian Pacific Railway Co. Elevator "H"	Canada Western Wheat.....	—	5,880.3
		Canada Western Oats.....	—	30.9
		Canada Western Barley.....	—	43.7
		Canada Western Rye.....	—	72.4
		Canada Western Flaxseed.....	—	1,398.2
		Canada Western Screenings.....	—	*2,160

* Pounds.

APPENDIX H

The Grain Research Laboratory

J. Ansel Anderson, Chief Chemist

Section 22 of the Canada Grain Act requires that "the Board shall maintain an efficient and adequately equipped laboratory for research work in relation to grain."

The following summary report for 1956 deals with the Laboratory's studies of the quality of grain marketed in 1955-56, the quality of 1956 crops, and with research and other activities. In accordance with past practice, a detailed report on the year's work will be published separately to put on record data on the quality of Canadian grain crops and progress reports on the Laboratory's research.

Quality of Grain Marketed in 1955-56

Throughout the crop year, the Laboratory continued to study the quality of spring wheat, durum wheat, barley, flax and other cereal grains at all main stages of marketing. The complete data will be reported in the 1956 report of the Grain Research Laboratory.

Spring wheat marketed during the 1955-56 crop year showed satisfactory milling quality and flour yield; baking strength and carrying power were normal for Canadian wheat of 12.7% protein. Macaroni-making quality of durum wheat was excellent and well above average. Changes in the specifications for No. 3 C.W. Amber Durum, restricting the grade to varieties equal to Mindum, improved the quality of macaroni made from this grade. The new commercial grade of Extra No. 4 C.W. Amber Durum also proved satisfactory for macaroni manufacture. Malting quality of barley was very good and better than that of the previous crop year. The large flax crop was satisfactory in quality, but oil content and iodine value were lower than in 1954-55.

Estimated Quality of 1956 Crops

In late August and early September there were frequent and widespread rains, and considerable frost damage also occurred. As a result, it is estimated that less than half the crop will grade No. 3 Northern and higher. The wheat is high in bushel weight and of good milling quality. With seasonal rainfall well above average, and with below average temperature during much of the growing period, average protein content was reduced to 12.4%. However, the quality of the protein appears to be good and the general baking strength and carrying power of the Northern grades better than protein levels might suggest. Gassing power and baking absorption are both at desirable levels and doughs handle very satisfactorily.

Production of durum wheat is the largest on record by a considerable margin (41 million bushels), principally because of increased acreage and a repetition of last year's high yields. Total volume of high-grade durum will be larger than for many years, but Extra No. 4 C.W. and No. 4 C.W. will be the largest grades. Bushel weight is well above that of last year's crop and macaroni-making quality of the top three grades is excellent. Extra 4 C.W., the new grade, also appears to be of good all-around quality; bushel weight is very high and protein is adequate.

TRADE AND COMMERCE

The new barley crop is also a large one, and malting quality is better than in 1955. Almost half the crop is expected to enter the malting grades. Malt extract yield is the highest on record, nitrogen content is lower than for last year, bushel weight and kernel weight are higher, and clean-out losses are lower. Enzymatic activity is adequate.

The 1956 flax crop is the largest on record (34 million bushels), and about 85% is expected to grade No. 1 C.W. Oil content and iodine value are both higher than in 1955. Because of increased production of rapeseed in Western Canada this year, a survey of the quality of this crop was made for the first time. Average results show that oil content is 45.0% and that protein content is 39.4% for the oil-free meal.

Bulletins and Maps

In accordance with usual practice, preliminary information on the quality of 1956 crops of spring wheat, durum wheat, barley and oil seeds was published in two maps and four crop bulletins. These publications were distributed to domestic and foreign buyers of Canadian grain. Additional supplies of the final protein map and the crop bulletins on wheat and barley went to the Canadian Wheat Board for separate distribution. Two thousand copies of the crop bulletin on wheat were also sent to Canadian Government Trade Commissioners by the Grain Division, Department of Trade and Commerce, Ottawa. Information contained in the bulletin was presented at two meetings of the Committee on Western Grain Standards held in Winnipeg in October and November.

The new series of quarterly bulletins "Canadian Wheat Cargoes", begun in November last year, was continued throughout 1956. Four issues were released, and were distributed principally by Canadian Government Trade Commissioners who received their allotments by air cargo. This bulletin has proved to be one of the most popular publications of the Laboratory, and requests for additional copies have followed each release.

Service to the Inspection Branch

The Laboratory continued to work in close co-operation with the Grain Inspection Branch. Studies were made of the quality of tentative standard and standard export samples of different grains. Special tests on samples of current crops were made from time to time to provide information that would assist in grading. Supervision of moisture testing and equipment in the Board's Inspection offices was continued throughout the year, and increased use of electrical moisture meters was further investigated. Studies initiated last year aimed at increasing uniformity in export cargoes of the top grades of wheat have been continued.

Service to Other Organizations

As has been the practice for many years, the Laboratory took a major part in studies of the quality of spring wheat, durum wheat, and malting barley developed by Canadian plant breeders. Parkland, a new malting barley, was judged equal to O.A.C. 21, and has been licensed; Ramsey, an American variety of durum wheat, was ruled as equal in quality to Mindum. Parkland is now being offered for sale, and Ramsey will be made available to farmers early in 1957. Close co-operation has continued with the Barley Improvement Institute, particularly in the brewing trials of the barley variety

designated U.M. 570. In these trials this variety was classed as not equal to O.A.C. 21 and it has been discarded. As in the past, the Laboratory collaborated with the Northwest Crop Improvement Association in studies of United States wheat varieties, and undertook its share of the work of the American Association of Cereal Chemists. The Chief Chemist attended meetings of the International Association for Cereal Chemistry in Brussels and Vienna, and was elected Vice-President of this new association.

Laboratory services and technical advice to the Canadian Wheat Board, the Grain Division of the Department of Trade and Commerce, and other Government agencies continued on about the same scale as last year. Much of this work relates to the promotion of sales of Canadian wheat and involves comparisons of different grades with competing wheats from other countries. Inquiries relating to the quality of Canadian grains were received from many sources, and considerable time and various minor studies were required to deal with them adequately.

Research Investigations

The Laboratory has continued an active program of research on the scientific background of what constitutes quality in cereal grains and how it can be measured. The program includes exploration and development of new areas of research as well as a systematic accumulation of new knowledge on the more promising specific topics.

The technique of structural relaxation developed in the Laboratory for the study of physical properties of dough has again proved to be a valuable research tool. During the last year, this method was applied to studies of the role of added proteolytic enzymes in dough, and to an investigation of the importance of inorganic constituents in flour. The relaxometer which was developed for a direct attack on the nature of viscoelastic properties of dough has undergone further redesign and development. New facilities have been constructed for studying the sorption of water vapor by wheat and flour, and will extend the scope of basic research program.

Continued acceleration of plant breeding programs has emphasized the need for applied research aimed at developing a more comprehensive system of tests for an early prediction of quality. A preliminary examination of several common tests has been made. Changes in the quality of stored grain and flour have also been receiving attention. Proteolytic enzymes may be used effectively in modifying the properties of gluten from old flour.

For durum wheat, a new Farinograph technique, and an examination of gluten properties, have been shown to provide additional criteria for assessing the quality of durum varieties.

In barley research, new equipment for malting has been completed. The steep tank has been adapted to provide forced aeration which has resulted in better growth and modification of the barley during germination. An additional germination drum is being constructed so that two samples can be tested simultaneously. The kiln is of simple design with automatic control of drying temperature. Varietal differences in the activity of the cell wall degrading enzymes have been observed, and their relation to malting quality are being studied. Some aspects of quality factors in barley for the Japanese market have been investigated. Barley is pearled and pressed for human consumption as a rice extender, and the study of barley properties required for this process is a new phase of applied research on barley.

Increased knowledge obtained by research serves as a foundation for the improvement of all other phases of work in the Laboratory. Moreover, it enhances the authority of its service to the Board and makes its decisions relating to the quality of Canadian grain more acceptable in consumer countries.

Visitors and Visits

Official missions from Belgium, the Netherlands, Germany, Czechoslovakia and Norway, sponsored by the Canadian Wheat Board, visited the Laboratory during 1956. Countries represented by other visitors included Australia, Ceylon, France, Guatemala, India, Iraq, Japan, Kenya Colony, Netherlands, New Zealand, Pakistan, South Africa, Switzerland, Turkey, the United Kingdom, the United States, and the U.S.S.R. It was a special pleasure to welcome Dr. Eric Bond of Australia, Professor Jean Buré of France, and Dr. W. Schafer of Germany.

The Chief Chemist visited Switzerland, Austria, Germany, Netherlands, Belgium, France, England, Scotland and Ireland, and attended four scientific meetings sponsored by cereal chemists in various countries. He thus had opportunity to renew acquaintanceship with, or meet for the first time, most of the leading cereal chemists in Europe. Opportunity was found to spend some time in several of the larger European cereal laboratories, and to visit a number of mills and bakeries. Special mention must be made of a series of five meetings with millers in different parts of England. Lively and profitable discussions took place at each of these meetings.

These and other visits by members of the Laboratory's staff have brought closer co-operation with foreign cereal chemists and a better appreciation both of the methods they use and their general viewpoint in assessing the quality of imported and domestic wheats. At the same time opportunity presents itself for explaining the Canadian viewpoint and the various problems that Canada faces in producing and marketing grains. It is hoped that this liaison can be continued and expanded with mutual advantage to all concerned.

BOARD OF GRAIN COMMISSIONERS

APPENDIX I

Canadian Government Elevators

A. E. Jacobson, General Manager

In accordance with the provisions of Section 166 of the Canada Grain Act and Order-in-Council P.C. 1372 of August 19, 1925, the Board manages and operates five interior terminal elevators at Moose Jaw, Saskatoon, Calgary, Edmonton and Lethbridge and one terminal elevator at Prince Rupert, and leases one terminal elevator at Port Arthur.

In the 1955-56 crop year the interior elevators were operated under Public Terminal Elevator Licence. The Prince Rupert elevator was operated under a Semi-Public Terminal Elevator Licence and the Port Arthur elevator continued under lease to McCabe Grain Company Limited.

Handlings

Receipts in the crop year 1955-56 were twenty-two per cent higher than the previous crop year while shipments were thirty-seven per cent higher. This is reflected in total stocks in store at the end of the crop year which are 1.9 million bushels lower than at the beginning of the year. Wheat and barley constituted the major portion of receipts at 5.7 million and 5.3 million bushels respectively. Receipts and shipments by elevators during the crop year were:

Elevator	Capacity	Stocks August 1, 1955	Net Receipts	Net Shipments	Stocks July 31, 1956
	million bu.	bu.	bu.	bu.	bu.
Moose Jaw.....	5.50	5,484,192	1,586,869	2,055,296	5,020,858
Saskatoon.....	5.50	4,867,397	3,412,495	4,489,155	3,807,796
Calgary.....	2.50	1,472,447	1,985,803	1,715,538	1,742,266
Edmonton.....	2.35	1,855,563	674,191	1,656,534	873,170
Lethbridge.....	1.25	1,166,957	10,900	10,611	1,167,245
Prince Rupert.....	1.25	594,316	4,780,535	4,415,531	956,583
Totals.....	18.35	15,440,872	12,450,793	14,342,665	13,567,918

Charges

Storage and elevation charges were unchanged from the previous year. Storage charges were 1/45c per bushel per day at interior elevators; 1/35c per bushel per day at Prince Rupert. Elevation charges at Prince Rupert were the same as those in effect at the Lakehead and other Pacific Coast terminal elevators but at the interior elevators, elevation charges on wheat, oats, barley and corn at 1 1/8c per bushel were lower by 1c and on rye at 1 1/8c per bushel and flax at 2 1/4c per bushel were lower by 1 1/2c per bushel than charges at Lakehead and other Pacific terminal elevators.

Maintenance

Elevator trackage and equipment was maintained in good repair. The Dust Control System at Prince Rupert was completed. A contract has been entered into for a similar installation at the Moose Jaw elevator.

TRADE AND COMMERCE

The Staff Building for Saskatoon, commenced in the previous year, was completed and a similar building was erected at Calgary. During the same period a new Millwright Shop was constructed at Edmonton. Hopper scales at Moose Jaw, Saskatoon and Calgary elevators were completely re-conditioned.

Extensive repairs to concrete surfaces of the buildings and bins of the Lethbridge and Prince Rupert elevators commenced in 1954, were completed. Similar repairs at the Edmonton and Port Arthur elevators are still in progress.

Installation of additional safety measures, such as fire escapes and stairwell enclosures, for safety of personnel and for retarding the spread of fire and/or explosion, was commenced at all interior elevators and Prince Rupert elevator. These are expected to be completed in 1957. These measures have already been installed in the Port Arthur elevator.

Staff

Staff employed as at December 31, 1956, compared with figures at December 31, 1955, is as follows:

	1956		1955	
	Total including Casuals	Casuals	Total including Casuals	Casuals
Winnipeg (Head Office).....	8	—	8	—
Moose Jaw.....	31	4	28	2
Saskatoon.....	41	15	35	12
Calgary.....	36	6	33	4
Edmonton.....	40	13	32	6
Lethbridge.....	19	1	20	1
Prince Rupert.....	47	24	37	15
	222	63	193	40

Revenue and Expenditure

Revenue and expenditure for the fiscal year 1955-56 compared with the previous fiscal year were as follows:

	1955-56	1954-55
Revenue.....	\$1,634,032	\$1,733,618
Expenditure.....	1,143,983	1,050,920
Surplus.....	490,049	682,698

For the first nine months of the current fiscal year revenue was \$1,794,974, and expenditure was \$940,540.

BOARD OF GRAIN COMMISSIONERS

APPENDIX J

Table J-1.—EXPENDITURE, by Point, Branch and General Item, Fiscal Year Ended March 31, 1956

Point and Branch	Salaries	Rent	Travelling Expenses	General Expenses	Total
	\$	\$	\$	\$	\$
WINNIPEG					
Executive	58,001.70	9,517.00	6,479.28	12,809.52	86,807.50
Assistant Commissioner	10,959.96	831.00	1,760.39	274.25	13,825.60
Licence and Bonding	22,975.48	2,040.00	—	2,633.09	27,648.57
Registration	32,553.02	2,910.48	199.50	1,363.42	37,026.42
Research Laboratory	133,381.41	17,932.00	4,644.45	52,280.36	208,238.22
Statistics	75,190.00	5,985.14	1,269.51	24,097.38	106,542.03
Appeal Tribunal	5,700.00	584.40	—	1,430.24	7,714.64
Standards Committee	—	—	2,842.88	1,960.00	4,802.88
Inspection	555,755.61	26,473.40	4,478.90	27,982.27	614,690.18
Weighing	56,020.31	1,526.38	919.28	1,367.27	59,833.24
CHURCHILL					
Inspection	17,987.18	1.00	7,415.24	975.55	26,378.97
Weighing	11,236.38	—	4,182.00	272.24	15,690.62
KEEWATIN					
Inspection	6,369.36	—	—	20.40	6,389.76
Weighing	8,535.65	—	—	55.58	8,591.23
REGINA					
Assistant Commissioner	2,578.54	352.65	1,097.62	358.46	4,387.27
SASKATOON					
Assistant Commissioner	17,321.54	—	5,524.78	618.43	23,464.75
Inspection	32,857.28	877.00	—	931.95	34,666.23
Weighing	24,351.69	—	1,599.47	22.50	25,973.66
MOOSE JAW					
Inspection	33,000.35	1,440.00	220.52	1,019.98	35,680.85
Weighing	14,401.72	—	—	12.89	14,414.61
MEDICINE HAT					
Inspection	10,410.00	841.00	—	286.70	11,537.70
Weighing	12,054.07	—	—	54.71	12,108.78
LETHBRIDGE					
Inspection	10,170.00	—	—	36.49	10,206.49
Weighing	6,750.00	—	—	5.00	6,755.00
CALGARY					
Assistant Commissioner	10,541.88	828.00	3,908.89	410.24	15,689.01
Inspection	93,134.59	3,001.00	100.40	4,451.91	100,687.90
Weighing	41,903.64	314.04	193.95	311.29	42,722.92
Appeal Tribunal	5,700.00	420.00	—	1,193.78	7,313.78
EDMONTON					
Inspection	107,982.79	8,754.00	156.60	4,906.63	121,800.02
Weighing	12,171.72	—	—	124.43	12,296.15
Appeal Tribunal	8,691.55	1,170.00	363.41	1,604.21	11,829.17

TRADE AND COMMERCE

Table J-1 —EXPENDITURE, by Point, Branch and General Item, Fiscal Year Ended March 31, 1956—Concluded

Point and Branch	Salaries	Rent	Travelling Expenses	General Expenses	Total
	\$	\$	\$	\$	\$
VANCOUVER					
Inspection	162,310.72	6,965.40	1,064.77	4,904.69	175,245.58
Weighing	154,974.60	2,675.40	1,590.07	2,567.12	161,807.19
Registration	9,840.00	1,795.20	—	338.76	11,973.96
VICTORIA					
Inspection	8,259.04	—	387.56	7.00	8,653.60
Weighing	6,833.46	—	694.82	—	7,528.28
PRINCE RUPERT					
Inspection	10,063.59	—	1,316.15	117.00	11,496.74
Weighing	6,717.03	—	1,865.35	42.00	8,624.38
FORT WILLIAM					
Inspection	690,074.04	18,492.00	4,278.00	14,940.52	727,784.56
Weighing	529,662.28	3,972.00	31,183.04	10,282.71	575,100.03
TORONTO					
Inspection	8,855.04	1,200.00	49.85	675.69	10,780.58
Weighing	4,020.00	—	—	3.60	4,023.60
CHATHAM					
Inspection	40,988.70	1,380.00	15,973.36	2,294.26	60,636.32
MONTREAL					
Inspection	96,507.77	4,296.00	12,986.61	2,390.58	116,180.96
Weighing	4,513.30	939.36	162.80	517.47	6,132.93
Registration	13,475.30	1,064.64	—	434.98	14,974.92
Totals	3,185,782.29	128,578.49	118,909.45	183,387.55	3,616,657.78

BOARD OF GRAIN COMMISSIONERS

Table J-2.—Accrued Revenue, by Point and Branch, Fiscal Year Ended March 31, 1956

Point and Branch	Fees	Samples Sold	Other Revenue (a)	Total
	\$	\$	\$	\$
WINNIPEG				
Executive.....	—	—	16,035.00	16,035.00
Licence and Bonding.....	29,329.00	—	—	29,329.00
Registration.....	24,115.42	—	6.92	24,122.34
Appeal Tribunal.....	1,875.00	—	—	1,875.00
Research Laboratory.....	—	—	—	—
Inspection.....	343,397.71	10,242.88	4,668.74	358,309.33
Weighing.....	28,153.70	—	1,751.99	29,905.69
CHURCHILL				
Inspection.....	43,296.51	—	—	43,296.51
Weighing.....	22,221.26	—	—	22,221.26
KEEWATIN				
Inspection.....	6,061.95	—	423.36	6,485.31
Weighing.....	7,780.63	—	568.40	8,349.03
SASKATOON				
Inspection.....	21,681.22	857.74	—	22,538.96
Weighing.....	11,298.85	—	35.68	11,334.53
MOOSE JAW				
Inspection.....	9,262.73	261.63	—	9,524.36
Weighing.....	4,709.02	—	—	4,709.02
MEDICINE HAT				
Inspection.....	10,022.51	425.67	—	10,448.18
Weighing.....	10,879.86	—	555.43	11,435.29
LETHBRIDGE				
Inspection.....	598.52	96.25	3.64	698.41
Weighing.....	21.31	—	—	21.31
CALGARY				
Inspection.....	81,279.23	1,902.94	385.75	83,567.92
Weighing.....	17,152.78	—	939.63	18,092.41
Appeal Tribunal.....	1,362.00	—	—	1,362.00
EDMONTON				
Inspection.....	69,741.95	1,442.41	344.00	71,528.36
Weighing.....	3,616.80	—	—	3,616.80
Appeal Tribunal.....	744.00	—	—	744.00
VANCOUVER				
Inspection.....	190,179.52	6,371.73	368.27	196,919.52
Weighing.....	153,104.06	—	446.37	153,550.43
Registration.....	7,940.93	—	—	7,940.93

TRADE AND COMMERCE

Table J-2.—Accrued Revenue, by Point and Branch, Fiscal Year Ended March 31, 1956
Concluded

Point and Branch	Fees	Samples Sold	Other Revenue (a)	Total
	\$	\$	\$	\$
VICTORIA				
Inspection.....	4,904.08	105.05	—	5,009.13
Weighing.....	3,563.89	—	—	3,563.89
PRINCE RUPERT				
Inspection.....	8,275.64	136.97	1.73	8,414.34
Weighing.....	5,951.81	—	2.36	5,954.17
FORT WILLIAM				
Inspection.....	588,583.14	11,569.93	2,684.01	602,837.08
Weighing.....	454,840.52	—	4,144.32	458,984.84
TORONTO				
Inspection.....	5,441.80	102.75	104.78	5,649.33
Weighing.....	4,020.00	—	—	4,020.00
CHATHAM				
Inspection.....	64,419.06	942.31	2,462.70	67,824.07
MONTREAL				
Inspection.....	10,060.14	509.81	853.42	11,423.37
Registration.....	8,739.54	—	—	8,739.54
Totals.....	2,258,626.09	34,968.07	36,786.50	2,330,380.66

(a) Details in Table J-4.

BOARD OF GRAIN COMMISSIONERS

Table J-3.—Accrued Revenue and Net Expenditure by Points and Branches, Fiscal Year ended March 31, 1956

	Inspection	Weighing	Appeal Tribunals	Registra- tion	License and Bonding	Statistics	Research Laboratory	Grain Standards Committee	Adminis- tration	Total
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
REVENUE										
Winnipeg.....	358,309.33	29,905.69	1,875.00	24,122.34	29,329.00	—	—	—	16,035.00	459,576.36
Churchill.....	43,296.51	22,221.26	—	—	—	—	—	—	—	65,517.77
Keewatin.....	6,485.31	8,349.03	—	—	—	—	—	—	—	14,834.34
Saskatoon.....	22,538.96	11,334.53	—	—	—	—	—	—	—	33,873.49
Moose Jaw.....	9,524.36	4,709.02	—	—	—	—	—	—	—	14,233.38
Medicine Hat.....	10,448.18	11,435.29	—	—	—	—	—	—	—	21,883.47
Lethbridge.....	698.41	21.31	—	—	—	—	—	—	—	719.72
Calgary.....	83,567.92	18,092.41	1,362.00	—	—	—	—	—	—	103,022.33
Edmonton.....	71,528.36	3,616.80	744.00	—	—	—	—	—	—	75,889.16
Vancouver.....	196,919.52	153,550.43	—	7,940.93	—	—	—	—	—	358,410.88
Victoria.....	5,009.13	3,563.89	—	—	—	—	—	—	—	8,573.02
Prince Rupert.....	8,414.34	5,954.17	—	—	—	—	—	—	—	14,368.51
Fort William.....	602,837.08	458,984.84	—	—	—	—	—	—	—	1,061,821.92
Toronto.....	5,649.33	4,020.00	—	—	—	—	—	—	—	9,669.33
Chatham.....	67,824.07	—	—	—	—	—	—	—	—	67,824.07
Montreal.....	11,423.37	—	—	8,739.54	—	—	—	—	—	20,162.91
Totals.....	1,504,474.18	735,758.67	3,981.00	40,802.81	29,329.00	—	—	—	16,035.00	2,330,380.66

Table J-3.—Accrued Revenue and Net Expenditure by Points and Branches, Fiscal Year ended March 31, 1956 (Concluded)

	Inspection	Weighing	Appeal Tribunals	Registra- tion	License and Bonding	Statistics	Research Laboratory	Grain Standards Committee	Adminis- tration	Total
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
EXPENDITURE										
Winnipeg-----	614,690.18	59,833.24	7,714.64	37,026.42	27,648.57	106,542.03	208,238.22	4,802.88	100,633.10	1,167,129.28
Churchill-----	26,378.97	15,690.62	—	—	—	—	—	—	—	42,069.59
Keewatin-----	6,389.76	8,591.23	—	—	—	—	—	—	—	14,980.99
Regina-----	—	—	—	—	—	—	—	—	4,387.27	4,387.27
Saskatoon-----	34,666.23	25,973.66	—	—	—	—	—	—	23,464.75	84,104.64
Moose Jaw-----	35,680.85	14,414.61	—	—	—	—	—	—	—	50,095.46
Medicine Hat-----	11,537.70	12,108.78	—	—	—	—	—	—	—	23,646.48
Lethbridge-----	10,206.49	6,755.00	—	—	—	—	—	—	—	16,961.49
Calgary-----	100,687.90	42,722.92	7,313.78	—	—	—	—	—	15,689.01	166,413.61
Edmonton-----	121,800.02	12,296.15	11,829.17	—	—	—	—	—	—	145,925.34
Vancouver-----	175,245.58	161,807.19	—	11,973.96	—	—	—	—	—	349,026.73
Victoria-----	8,653.60	7,528.28	—	—	—	—	—	—	—	16,181.88
Prince Rupert-----	11,496.74	8,624.38	—	—	—	—	—	—	—	20,121.12
Fort William-----	727,784.56	575,100.03	—	—	—	—	—	—	—	1,302,884.59
Toronto-----	10,780.58	4,023.60	—	—	—	—	—	—	—	14,804.18
Chatham-----	60,636.32	—	—	—	—	—	—	—	—	60,636.32
Montreal-----	116,180.96	6,132.93	—	14,974.92	—	—	—	—	—	137,288.81
Totals-----	2,072,816.44	961,602.62	26,857.59	63,975.30	27,648.57	106,542.03	208,238.22	4,802.88	144,174.13	3,616,657.78

BOARD OF GRAIN COMMISSIONERS

Table J-4.—Summary of Operations by Branches, Fiscal Year ended March 31, 1956

	Inspection	Weighing	Appeal Tribunals	Registra- tion	License and Bonding	Statistics	Research Laboratory	Grain Standards Committee	Adminis- tration	Total
	\$	\$	\$	\$	\$	\$	\$	\$	\$	\$
REVENUE										
Fees-----	1,457,205.71	727,314.49	3,981.00	40,795.89	29,329.00	—	—	—	—	2,258,626.09
Samples Sold-----	34,968.07	—	—	—	—	—	—	—	—	34,968.07
Other Revenue-----	—	—	—	—	—	—	—	—	—	—
Overtime Refunded-----	7,951.42	8,402.18	—	—	—	—	—	—	—	16,353.60
Express Charges-----	4,281.75	—	—	—	—	—	—	—	—	4,281.75
Jury Fees-----	60.00	42.00	—	—	—	—	—	—	—	102.00
Fines-----	—	—	—	—	—	—	—	—	16,035.00	16,035.00
Refund of Previous Year's Expenses-----	7.23	—	—	—	—	—	—	—	—	7.23
Miscellaneous Revenue-----	—	—	—	6.92	—	—	—	—	—	6.92
Totals-----	1,504,474.18	735,758.67	3,981.00	40,802.81	29,329.00	—	—	—	16,035.00	2,330,380.66
EXPENDITURE										
Salaries-----	1,884,726.06	894,145.85	20,091.55	55,868.32	22,975.48	75,190.00	133,381.41	—	99,403.62	3,185,782.29
Rent-----	73,720.80	9,427.18	2,174.40	5,770.32	2,040.00	5,985.14	17,932.00	—	11,528.65	128,578.49
Travel-----	48,427.96	42,390.78	363.41	199.50	—	1,269.51	4,644.45	2,842.88	18,770.96	118,909.45
General Expenses-----	53,436.95	10,144.42	4,181.52	1,134.39	1,607.61	4,754.99	46,139.52	1,960.00	12,119.14	135,478.54
Printing and Stationery-----	12,504.67	5,494.39	46.71	1,002.77	1,025.48	19,342.39	6,140.84	—	2,351.76	47,909.01
Totals-----	2,072,816.44	961,602.62	26,857.59	63,975.30	27,648.57	106,542.03	208,238.22	4,802.88	144,174.13	3,616,657.78

Date Due			
Reg			accordance Act
Regulation No.			
1			Elevator Warehouse
2			Warehouse Receipts
3			
4			3.
5			
6			
7			
8			n Inspection Point.
9			ppel Tribunals.
10			real, Quebec.
11			Saint John, N.B.
12			Saint John, N.B.
13			x, N.S.
14			
15			
16			
17	Records, Reports and Returns.		
18	Procedure, Country Elevators.		
19	Receipt for Grain Delivered to Private Country Elevators and Mill Elevators.		
20	Maximum Tariff of Charges, Eastern Elevators.		
21	Maximum Tariff of Charges and Shrinkage Allowance, Country Elevators.		
22	Maximum Tariff of Charges, Terminal Elevators.		
23	Applications for Licences and Terms and Conditions under which Licences are issued.		
24	Storage in Transit of Grain Grown Outside Canada.		
25	Tickets and Receipts — Country Elevators.		
26	Grain Treated with Poisonous Materials.		
27	Shipment of Infested Grain.		

APPENDIX K

Regulations

Regulations in effect December 31, 1956, made in accordance with the provisions of the Canada Grain Act

Regulation
No.

- 1 Registration and Cancellation of Terminal Elevator Warehouse Receipts.
- 2 Registration and Cancellation of Eastern Warehouse Receipts and Transfer Receipts.
- 3 Plans re Terminal and Eastern Elevators.
- 4 Cleaning Grain and Bins, Terminal Elevators.
- 5 Off Grades for Western Grain.
- 6 Off Grades for Eastern Grain.
- 7 Grades of Screenings.
- 8 Inspection of Samples taken other than at an Inspection Point.
- 9 Appeals from Inspecting Officers to Grain Appeal Tribunals.
- 10 Delivery of Grain to Ocean Vessels at Montreal, Quebec.
- 11 Delivery of Grain to Ocean Vessels at West Saint John, N.B.
- 12 Delivery of Grain to Ocean Vessels at East Saint John, N.B.
- 13 Delivery of Grain to Ocean Vessels at Halifax, N.S.
- 14 Enforcement of Lien by Sale of Grain.
- 15 Drying of Grain.
- 16 Fees.
- 17 Records, Reports and Returns.
- 18 Procedure, Country Elevators.
- 19 Receipt for Grain Delivered to Private Country Elevators and Mill Elevators.
- 20 Maximum Tariff of Charges, Eastern Elevators.
- 21 Maximum Tariff of Charges and Shrinkage Allowance, Country Elevators.
- 22 Maximum Tariff of Charges, Terminal Elevators.
- 23 Applications for Licences and Terms and Conditions under which Licences are issued.
- 24 Storage in Transit of Grain Grown Outside Canada.
- 25 Tickets and Receipts — Country Elevators.
- 26 Grain Treated with Poisonous Materials.
- 27 Shipment of Infested Grain.

HD 9044 C25 C24 1956
BOARD OF GRAIN COMMISSIONERS FOR
CANADA
REPORT
SERIAL M1 40816953 SCI



000035738368

HD
9044
C25
C24
1956

2206782

SCIENCE
CAMERON LIBRARY

B7043